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BULLETINS
OF
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Vol. 12

No. 47

FORAMINIFERA FROM VENEZUELA
AND TRINIDAD

By

HELEN K. HODSON

December 24, 1926

Harris Co.
Ithaca, N. Y.
U. S. A.

INTRODUCTION

The collections upon which this article is based were made in Venezuela for an American company and in Trinidad by Prof. Harris. Only descriptions of species with general localities and general ages can be given at present, but later when the interests of the company permit, we hope to publish definite localities and stratigraphic ranges for the species. Fine distinctions between species and subspecies have been made for stratigraphic purposes; further work may make still closer distinctions advisable.

Among the many people to whom acknowledgments are due for help in this article are especially:

Prof. G. D. Harris for material from Trinidad and for the use of his laboratory at Cornell University.

Prof. F. L. Whitney of the University of Texas for an abundance of specimens of various species of *Orbitolina* from Texas and France for comparison.

Dr. Floyd Hodson for reading the manuscript and photographing the specimens as well as assisting frequently in the work.

DESCRIPTION OF SPECIES

Order FORAMINIFERA d'Orbigny

Family LITUOLIDAE Brady

Subfamily ORBITOLININAE Prever

Genus ORBITOLINA d'Orbigny

Orbitolina texana (Roemer) Pl. 1, figs. 2, 4.

Orbitulites texanus Roemer, 1849, Texas, p. 392.

Orbitulites texanus Roemer, 1852, Die Kreidebildungen von Texas, p. 86, pl. 10, figs. 7a, b, c, d.

Orbitolina texana (Roemer), P. L. Prever, 1905, Boll. Soc. Geol. Italiana, vol. 23, fasc. 3, p. 468.

Orbitolina texana (Roemer), J. A. Cushman, 1921, Thirteenth Annual Report, Fla. State Geol. Survey, p. 42.

Orbitolina texana (Roemer), D. O. Carsey, 1926, University of Texas Bull., No. 2612, p. 22, pl. 6, figs. 6a, 6b, 6c.

A comparison with specimens of *O. texana* (Roemer), *O. walnutensis* Carsey and *O. whitneyi* Carsey from Texas and *O. lenticulata* (Lamarck) from France was made possible by Prof. F. L. Whitney who kindly sent abundant material. The only difference between the specimens of *O. texana* from Texas and Venezuela is that those from the latter place are usually slightly smaller, although many are identical. *O. lenticulata* (Lamarck) is still smaller and thicker. *O. venezuelana* (Karsten)¹ as figured is a much smaller species even than *O. lenticulata* (Lamarck).

Although this is the most abundant form in the present collection, there occur with it flat and convex variations whose limits are marked by the two new subspecies *O. texana asaguana* and *O. texana monagasana*, respectively. These subspecies were found among the specimens of *O. texana* (Roemer) sent from Texas, also.

Age: Cretaceous (Aptian, *vide* Collet²).

Locality: Río Asagua, State of Monagas, Venezuela,

¹ Herman Karsten, 1866, Géologie de l'Ancienne Bolivarienne, etc., p. 62, pl. 6, fig. 6.

² L. W. Collet, Archives des Sci. Phy. et Nat., vol. 4, 1922, pp. 16-17.

locality number 2216.

Orbitolina texana asaguana, n. subsp.

Pl. 1, figs. 6, 8.

This subspecies marks the limit of variation in *O. texana* (Roemer) toward being very convex. There are all gradations between the two forms and their convexity is the only difference.

Age: Cretaceous (Aptian, *fide* Collet, *l. c.*)

Locality: Río Asagua, State of Monagas, Venezuela, locality number 2216.

Orbitolina texana monagasana, n. subsp.

Pl. 1, figs. 7, 9.

This subspecies marks the limit of variation in *O. texana* (Roemer) toward being flat. The two surfaces are only slightly concave and convex, respectively, instead of being moderately so. Otherwise, the two forms are similar and there are all gradations between the two.

Age: Cretaceous (Aptian, *fide* Collet, *l. c.*)

Locality: Río Asagua, State of Monagas, Venezuela, locality number 2216.

Orbitolina thompsoni, n. sp.

Pl. 1, figs. 1, 5.

The test is fairly large, about 7–8 mm. in diameter, raised at the center and curled up on the edge like a wide hat. The other side is concave.

This species is easily distinguished from *O. texana* (Roemer) and its two new subspecies by the hump in the middle and the irregularly curled up edges. It does not attain the large size of *O. whitneyi* Carsey¹, is more raised at the center and not fluted on the edges. It is many times larger than *O. venezuelana* (Karsten), *l. c.* The form it most closely resembles was found among specimens of *O. texana* (Roemer) from Texas kindly sent by Prof. F. L. Whitney. However, these few from Texas are thicker and raised higher at the center.

Named in honor of Mr. V. A. Thompson, who collected the material.

¹ D. O. Carsey, 1926, University of Texas Bull., No. 2612, pp. 22–23, pl. 6, figs. 9a, 9b.

Age: Cretaceous (Aptian, *vide* Collet, l. c.)

Locality: Río Asagua, State of Monagas, Venezuela, locality number 2216.

Family NUMMULITIDÆ (H. Douvillé ?)

Subfamily NUMMULITINÆ Brady

Genus HELICOLEPIDINA Tobler

***Helicolepidina spiralis* Tobler**

Lepidocyclina (Helicolepidina) spiralis Tobler, 1922, *Eclogæ Geol. Helvetiæ*, vol. 17, no. 3, pp. 380-384, figs. 1-3.

Helicolepidina spiralis Tobler, H. Douvillé, 1923, *Eclogæ Geol. Helvetiæ*, vol. 17, no. 5, pp. 566-569, figs. 1, 2.

Helicopelidina spiralis Tobler, H. Douvillé, 1924, *Bull. Soc. Géol. France*, vol. 23, pp. 375-376, figs. 3, 4.

Helicolepidina spiralis Tobler, G. D. Harris, 1926, *Johns Hopkins University Studies in Geol.*, no. 7, p. 104, pl. 18, figs. 4, 5.

H. spiralis Tobler is a fairly common species usually occurring with forms intergrading between it and its new subspecies *tenuis*. The different shapes which this species assumes resemble the phases of *Lepidocyclina hubbardi* (n. sp.). *H. spiralis* Tobler corresponds to the fat form *L. hubbardi bolivarensis* (n. subsp.); *L. hubbardi* (n. sp.) with the swelling at the center, and its flat subspecies *aurarensis*, are similar to rare variations of *H. spiralis* Tobler which in the present collections are too scarce to be worthy of names; the common *H. spiralis tenuis* (n. subsp.) corresponds to an intermediate stage between *L. hubbardi* and its new subspecies *aurarensis*.

Age: Eocene.

Locality: Districts of Miranda and Bolívar, State of Zulia, Venezuela, locality number 3256 (one specimen?), 3268 (and variation), 3304, 3312 (variation), 3317; Point Bontour, Trinidad.

***Helicolepidina spiralis tenuis*, n. subsp.**

Pl. 1, figs. 11, 12.

The test is small and although it attains 4 mm., most of the specimens measure only slightly more than 2 mm. in

diameter. It is thin, slightly raised at the center, where it does not surpass a millimeter in thickness, and slopes gradually to the wide fragile border. The surface is covered with an irregular mesh, with rudimentary papillae at the center in a few specimens. The equatorial layer shows an embryo of 2 adjacent cells, one of which is larger than the other; frequently in grinding, the embryo looks unicellular as the smaller cell is about the size and shape of the central equatorial cells; the larger one is practically round and measures as an average 152μ ¹ in diameter; the smaller one measures only slightly less in its greatest dimension and is hemispheric in shape. The equatorial cells are of various sizes; those forming the spiral are large; those at the periphery are large; there are numerous large cells at first surrounding the embryo, which farther out form the spiral; between the central larger cells and the large peripheral cells, there are many small ones; they vary in shape from ogival to almost hexagonal and are much wider than high; they attain 170μ in diameter. The vertical section is very thin; it shows one or two of the embryonic cells, a thin equatorial layer of irregular cells connected by single canals. The pillars are small and do not show except in the larger specimens.

This subspecies is so different from *H. spiralis* Tobler that at first it seemed specifically distinct. However, in many collections where both forms are found, it is impossible to divide the specimens into two species as there are so many forms intermediate between the fatter *H. spiralis* Tobler and the new thin subspecies *tenuis*. A very few are almost flat and one or two carry a hump in the center, but these are too scarce to be of interest at present.

Age: Eocene.

Locality: District of Miranda, State of Zulia, Venezuela, locality numbers 3306, 3316, 3317.

¹ μ , a micron, is a thousandth of a millimeter.

Subfamily CYCLOCYPEINÆ Brady

Genus DISCOCYCLINA Gumbel

Discocyclina mirandana, n. sp.

Pl. 1, figs. 3, 10, 13.

The microspheric test is small and very thin, attaining 5.5 mm. in diameter; most of the specimens measure 3 mm. or less and are about as thin as possible. The whole surface of the test is ornamented with concentric circles of small, very sharp papillæ. The test gradually thins toward the edges, becoming so translucent that it shows the equatorial cells. The equatorial layer of this microspheric form is composed of distinctly rectangular cells which are small at the center but soon attain dimensions of about 70μ by 50μ . In vertical section the equatorial layer rapidly attains the width which it holds throughout the more adult part of the test; the individual equatorial cells are longer than high; the surface is papillate, but the pillars are indefinite.

The megaspheric form was not found for this species unless it is represented by one specimen of *Discocyclina* which was found in material from Point Bontour, Trinidad. This specimen was about 3.5 mm. in diameter, moderately convex and had an embryo of 2 half embracing cells.

D. mirandana (n. sp.) resembles *Pseudophragmina floridana* (Cushman) H. Douvillé¹ but its equatorial cells are like those of *Discocyclina* and the test attains scarcely half the size of the latter species.

Age: Eocene.

Locality: Districts of Miranda and Bolívar, State of Zulia, Venezuela, locality numbers 3256, 3265, 3267, 3295, 3296, 3297, 3308, 3310, 3312, 3313, 3315, 3316, 3317, 3318.

Genus CISCSEIS Guppy

Asterodiscus Schaufhäutl, 1863, Süd-Bayerns Lethaea Geognostica, pp. 107-108.

(Not *Asterodiscus* Ehrenberg, 1839, Abh. K. Ak. Wiss. Berlin, p. 130.)
Cisseis Guppy, 1866, Quart. Jour. Geol. Soc. London, vol. 22, p. 584.

¹ H. Douvillé, 1924, Bull. Soc. Géol. France, vol. 23, p. 273, pl. 13, figs. 1-3.

- 11 Cl., X Bd., 11 Abth., pp. 688-689.
Asterocyclina Gümbel, 1868, Abhandl. der k-bayer. Akad. der Wiss.,
11 Cl., X Bd., 11 Abth., p. 689.
Orthophragmina Munier-Chalmas, *partim*, 1891, Etude du Tithonique
du Crétacé et du Tertiaire du Vicentin (Thèse de Doctorat),
p. 18, *vide* H. Douvillé, Bull. Soc. Géol. France, 1922, p. 56.

As has previously been pointed out,¹ *Asteriatites* (1813), *Asteriacites* (1820) and *Asterodiscus* (1839) as originally used did not apply to Foraminifera. *Aktinocyclina* (1868), *Asterocyclina* (1868) and *Orthophragmina* (1891) are antedated by *Cisseis* (1866), which leaves *Cisseis* the generic name for this group. The genotype is *C. asterisca* Guppy, the only species described at the time. The gender of *asterisca* has been changed as originally it did not agree with the Latin, feminine, proper name, *Cisseis*.

Guppy's original description is as follows:

"Body small, depressed, unattached, divided into rays; oscula few, large, generally disposed along the summits of the rays, and surrounded by more numerous pores, which are developed on both surfaces."

For the present *Cisseis* may as well include all the orbicoids which have rectangular cells and are stellate. Since the rays usually show in the equatorial layer at a very young stage, making the concentric rings of equatorial cells polygonal rather than circular, the group seems sufficiently distinct biologically for generic rank; further, in North America they appear nicely limited to a relatively small stratigraphic unit, the Upper Eocene.²

Although there is quite a variation in the shape of the embryonic cells, it does not seem advisable to propose subgenera until there are more detailed descriptions of many of the species.

The following is a chronological list of some of the species which seem to fall under the genus *Cisseis*, although only

¹ H. K. Hodson, Amer. Jour. Sci., vol. 12, 1926, pp. 353-354.

² T. W. Vaughan, 1924, Bull. Geol. Soc. Amer., vol. 35, p. 791.

fragmentary knowledge is available concerning some of them:

- Cisseis patellaris* (Schlotheim, 1822)
- Cisseis stellata* (d'Archiac, 1846)
- Cisseis radians* (d'Archiac, 1848)
- Cisseis furcata* (Rutimeyer, 1850)
- Cisseis stellaris* (Brunner, 1850)
- Cisseis pentagonalis* (Schafhäütl, 1863)
- Cisseis asterisca* Guppy (1866)
- Orbitoides asterisca* Kaufmann (1867)¹
- Cisseis lucifera* (Kaufmann, 1867)
- Cisseis priabonensis* (Gümbel, 1868)
- Cisseis scarantana* (Gümbel, 1868)
- Cisseis stella* (Gümbel, 1868)
- Cisseis tenuicostata* (Gümbel, 1868)
- Cisseis variecostata* (Gümbel, 1868)
- Cisseis decorata* (Schlumberger, 1904)
- Cisseis gümbeli* (Schlumberger, 1904)
- Cisseis lanceolata* (Schlumberger, 1904)
- Cisseis munieri* (Schlumberger, 1904)
- Cisseis bayani* (Munier-Chalmas, 1904)
- Cisseis taramellii* (Munier-Chalmas, 1904)
- Cisseis rovasendai* (Prever, 1904)
- Cisseis colcanapi* (R. Douvillé, 1906)²
- Cisseis americana* (Cushman, 1917)
- Cisseis georgiana* (Cushman, 1917)
- Cushman mariannensis* (Cushman, 1917)
- Cisseis mariannensis papillata* (Cushman, 1917)
- Cisseis vughani* (Cushman, 1917)
- Cisseis antillea* (Cushman, 1919)
- Cisseis subtaramellii* (Cushman, 1919)³

¹ *vide* H. Douvillé, 1924, *Mém. Soc. Géol. France*, vol. 1, mem. 2,

² *Annales de Paléontologie*, vol. 1, 1906, p. 66, *vide* W. L. F. Nuttall, 1926, *Records, Geol. Survey India*, vol. 59, pt. 1, p. 151. p. 19. This will have to be given another name if brought under *Cisseis*.

³ Originally *subtaramellei*, *lapsus calami* for *subtaramellii*.

Cisseis crassicostata (H. Douvillé, 1922)

Cisseis pinguis (H. Douvillé, 1922)

Cisseis præradians (H. Douvillé, 1922)

Cisseis alticostata (Nuttall, 1926)

Cisseis asterisca venezuelana, n. subsp.

Cisseis asterisca zuliana, n. subsp.

Cisseis bontourana, n. sp.

Cisseis pariana, n. sp.

Cisseis harrisi, n. sp.

Cisseis trinidadensis, n. sp.

Cisseis weeksi, n. sp.

Cisseis weeksi maracaibensis, n. subsp.

Cisseis parva, n. sp.

Cisseis sanfernandana, n. sp.

Cisseis aurarensis, n. sp.

***Cisseis asterisca* Guppy**

Pl. 2, figs. 1, 2, 10.

Cisseis asteriscus Guppy, 1866, Quart. Jour. Geol. Soc. London, vol. 22, p. 584, pl. 25, figs. 19 a-b.

Tinoporus asteriscus Guppy, 1892, Quart. Jour. Geol. Soc. London, vol. 48, pp. 534-535.

? *Cisseis asteriscus* Guppy, H. Douvillé, 1924, Mém. Soc. Géol. France, vol. 1, mém. 2, p. 19.

? *Creseis asterodiscus* R. J. L. Guppy, T. W. Vaughan, 1924, Bull. Soc. Geol. Amer., vol. 35, p. 793.

Asteracites asteriscus (Guppy) Harris, 1926, Johns Hopkins University Studies in Geol., no. 7, p. 104, pl. 18, fig. 3.

Guppy's original description:

"Body divided into obtuse, somewhat carinate rays, generally four, but occasionally more; oscula disposed along the summits of the rays, and particularly on the subconical apex; pores numerous.

"The oscula, or larger apertures, are disposed in a group of seven or eight upon the apex, from which a row is continued along the summit of each ray. The general form of the body is that of a small *Palmipes*. Between the rays and towards the margins the pores become smaller and less distinct.

"The nature of this body is so problematical that my object in describing it is rather to make known its existence.

and possibly to obtain some hint as to its true nature, than to draw any inference from its occurrence. It is found in considerable numbers among the *Orbitoides* and *Nummulinæ* at San Fernando, in Trinidad. As it appears by its structure to be more akin to the fossil sponges than to any other organisms, I have described it as such, at the same time giving it a generic name which does not involve any view as to its true affinities. It may possibly be a Foraminifer; but the nature of the pores and the want of division seem to be against that view, and the same characters appear to preclude our placing it with the Echinodermata. In all the specimens I have examined the pores are filled with a mineral infiltration, in a similar manner to those of the *Orbitoides*. The structure is perhaps as near to that of *Sparsispongia* as to that of any other organism."

The megaspheric test is bilaterally symmetrical and averages about 4.2 mm. in diameter. It consists of 4 rays, and is ornamented only slightly by the inconspicuous ends of the pillars. The 4 points or rays of the test are usually somewhat unequal in length. Down the middle of each of these is an irregular row of larger pillars whose ends are just visible at the surface. The test itself is somewhat swollen on each side at the center and ornamented there with the ends of 6-10 larger pillars like those running down the middle of the rays. Each pillar is surrounded at the surface with a single ring of about a dozen very small cells. The horizontal section shows a first round embryonic cell (about 104μ in diameter) half surrounded by another slightly larger one (about 143μ in diameter). The succeeding rows of very small rectangular equatorial chambers are polygonal at first, due to an increase in the number and length of the cells directly under the external rays; then they gradually become star-shaped, assuming the outline of the test. A vertical section through two of the rays usually shows the two embryonic cells, although it sometimes shows only one. In such a section the pillars are strong, especially the larger ones in the middle of the test

and in the middle of the rays; the equatorial layer is very thin near the embryonic cells, but gradually widens out in the rays until at the tips the cells measure 143μ as an average of several sections. The lateral cells are more numerous at the center and thin out toward the periphery, making three scallops on each side of the test; the scallop formed by the center is shorter and higher; there are only about two rows of lateral cells on each side of the equatorial layer at the tips of the rays where the equatorial layer is thickest.

In Venezuela this species does not appear to be so abundant at any locality as it is at Point Bontour, Trinidad.

The microspheric form is unknown.

Since the holotype of *C. asterisca* Guppy seems to be lost, we have chosen topotypes from a bed at Point Bontour which held mostly 4-rayed specimens, and then selected apotypes which most closely corresponded to Guppy's figures and description.

As previously mentioned, the gender of the specific name has been changed to agree with that of the generic.

Age: Eocene.

Locality: Districts of Miranda and Bolívar, State of Zulia, Venezuela, locality numbers 3256, 3265, 3268 (variation), 3301 (variation), 3315, 3316; Point Bontour, San Fernando, Trinidad.

Cisseis asterisca venezuelana, n. subsp.

Pl. 2, fig. 6.

This subspecies is very close to *C. asterisca* Guppy in its general shape and ornamentation, but the large size of the test is striking as it attains 5-6 mm. instead of the usual 4 mm. The adjacent edges of the rays are usually thinner and slightly more produced than in the species, making the peripheral outline more rounded and the test flatter.

This subspecies marks the limit in the broadening and flattening of *C. asterisca* Guppy and is usually not so abundant as the intergrading forms.

Age: Eocene.

Locality: Districts of Miranda and Bolívar, State of Zulia, Venezuela, locality numbers 3256 and 3265; Point Bontour, San Fernando, Trinidad.

Cisseis asterisca zuliana, n. subsp.

Pl. 2, fig. 7.

This subspecies is easily distinguished from *C. asterisca* Guppy by its larger size, more elongate rays, and more pronounced keel down the middle of each ray.

Suggestions of this form are found at Point Bontour, Trinidad, but there they seem merely variations and none of them is so distinctly developed or reaches the large size of those from Venezuela.

Age: Eocene.

Locality: Districts of Miranda and Bolívar, State of Zulia, Venezuela, locality numbers 3256, 3265, 3316, 3317.

Cisseis bontourana, n. sp.

Pl. 2, figs. 4, 8, 11.

The megaspheric test is small, 4-rayed, rotund and fairly symmetrical. The center forms the larger part of the test and is ornamented with the slightly raised terminals of about a dozen large pillars; the rays are small and carry only a few large pillars. The pillars are each surrounded with about a dozen fair sized lateral cells and separated from each other by about 2 rows of them. The horizontal section shows a small embryonic cell, about 104μ in diameter, half surrounded by a larger one about 119μ in diameter; the equatorial cells are those typical of the genus and show the position of the 4 external rays. The vertical section through 2 of the rays shows the large globular center with many large pillars and the small pointed rays; the equatorial layer is very thin at the center and grows gradually wider toward the ends of the rays.

The microscopic form has not been found.

This species is easily distinguished from similar ones by its rotundity and smaller size. The rays are shorter than in *C. asterisca* Guppy.

Age: Eocene.

Locality: Point Bontour, San Fernando, Trinidad.

Cisseis pariana, n. sp.

Pl. 2, figs. 3, 5, 9.

The megaspheric test is 5 (sometimes 6) rayed, thin, irregular in outline, only slightly raised at the center and down the rays. The pillars are mostly small, but there are larger ones on the rays and especially at the center where there are about two dozen; each is surrounded with a circle of about 10 small cells, and adjacent pillars are usually separated by two complete contiguous circles of these small lateral cells. The rays are unequal and short. The horizontal section shows a first embryonic chamber about 129μ in diameter, half surrounded by one about 161μ in diameter. The cells of the equatorial layer are typical of the genus and are arranged in rays corresponding to the external form. The vertical section is flatly ellipsoid with a very thin equatorial layer whose cells increase in size along the axes of the rays; the pillars are sometimes extremely large at the center or in the middle of the rays but most of them are small.

The microspheric form is unknown.

Age: Eocene.

Locality: Districts of Miranda and Bolivar, State of Zulia, Venezuela, locality numbers 3256 and 3265 (?); Point Bontour, San Fernando, Trinidad.

Cisseis harrisi, n. sp.

Pl. 3, figs. 1, 2, 6.

The megaspheric test is thin, almost flat, rather square, with 4 rays whose points scarcely project beyond the periphery; it is only very slightly swollen, if any, at the center and down the rays. The whole surface is covered with very small, evenly sized papillæ which are only slightly larger at the center and on the rays; each pillar is surrounded by a circle of about 8 cells and usually separated from adjacent ones by 2 contiguous circles of these lateral cells. The horizontal section is almost square in outline, composed of rather large, rectangular median chambers differentiated into 4 rays; the smaller embryonic

chamber measures about 129μ and the larger half embracing one about 150μ in diameter. The vertical section through the center is thin and of a uniform thickness until almost at the periphery where it narrows abruptly; the equatorial layer increases in width toward the periphery in the rays; the pillars are slender and fairly numerous.

The microspheric test is unknown.

Named in honor of Prof. G. D. Harris, who collected the material.

Age: Eocene.

Locality: Point Bontour, San Fernando, Trinidad.

Cisseis trinidadensis, n. sp.

Pl. 3, figs. 4, 7, 10.

The megaspheric test is 5-rayed, rather plump and ornamented with 15–20 larger pillars at the raised center and with a few more down the rays. The rays are slender, prominent and unequal; one of them is especially long. The pillars are separated usually by 2 contiguous circles of small cells. The horizontal section shows the outline of the test with the typical equatorial cells differentiated into 5 rays; the embryonic cells were recrystallized, but the larger one measures about 150μ in diameter. The vertical section through a ray is slightly scalloped in outline; in vertical section the equatorial cells are unusually large through the center of a ray, increasing in width toward the periphery; the numerous wide pillars are interspersed among the lateral chambers.

The microspheric form has not been found.

This species seems to resemble *C. tarameilli* (Munier-Chalmas) (*partim*),¹ but the equatorial layer increases in width in the rays as it approaches the periphery instead of remaining uniform as in the latter.

Age: Eocene.

Locality: District of Miranda, State of Zulia, Venezuela, locality numbers 3268, 3316; Point Bontour, San Fernando,

¹ Ch. Schlumberger, 1904, Bull. Soc. Géol. France, vol. 4, p. 131, pl. 6, figs. 41, 42.

Trinidad.

Cisseis weeksi, n. sp.

Pl. 3, figs. 3, 5, 8.

This peculiar form is probably almost square, but it is so thin and fragile that all the specimens were somewhat broken. The surface is somewhat papillate, especially at the slightly raised center and down the 4 diagonal, raised rays; on the edges of the test between the rays, the rectangular equatorial cells are visible by transmitted light. The rays are not enlarged in the middle but are of rather even size from the center to the periphery. The pillars are small. The equatorial layer is very difficult to section as it is irregular and not all in one plane. The equatorial cells are small and typical in shape surrounding the half embracing embryonic cells which measure 134μ and 102μ , respectively.

The microspheric form is unknown.

Named in honor of Mr. L. G. Weeks who made most of the Venezuelan collections used in this article.

Age: Eocene.

Locality: District of Miranda, State of Zulia, Venezuela. locality number 3256.

Cisseis weeksi maracaibensis, n. subsp.

Pl. 3, fig. 9.

This subspecies has much the same general square form and thinness as the species, but the center and rays are raised higher. The center, especially, is more papillate, carrying about a dozen prominences. Like the species, this form is so thin that it is easily broken and no perfect specimens were found. The equatorial layer is warped; the rectangular cells are of a fair size and specialized to form the 4 rays; the larger embracing embryonic cell measures about 150μ , the smaller one about 108μ .

C. weeksi maracaibensis (n. subsp.) resembles the figures of *C. georgiana* (Cushman)¹ but is only about half

¹ J. A. Cushman, 1920, U. S. Geol. Survey Prof. Paper 125-D, p. 45, pl. 10, fig. 1.

the size of the latter.

The microspheric form is unknown.

Age: Eocene.

Locality: District of Miranda, State of Zulia, Venezuela, locality number 3256.

Cisseis parva, n. sp.

Pl. 4, figs. 2, 4.

The megaspheric test is small, convex at the center, thin at the edges. It carries 4 rays, one of which is longer and more prominent than the rest. At the center there are about 6 large papillæ which are more prominent than the rest on the test. The rays are not raised much in height from the general plane of the test, but are ornamented by occasional large papillæ and project irregularly beyond the periphery. The lateral cells are large, rather irregular, and easily visible on the plump part of the disk; at the thin edges the rectangular medial cells sometimes show through. The cells of the horizontal layer are rather irregular in size and specialized into 4 narrow rays. The larger embryonic cell measures about 150μ , the smaller one 108μ .

The microspheric form is unknown.

Age: Eocene.

Locality: District of Miranda, State of Zulia, Venezuela, locality number 3256.

Cisseis sanfernandana, n. sp.

Pl. 4, fig. 3.

The test is 5-rayed, large, measuring about 6.5 mm. and webbed between the rays. On one side the rays and center are sharply elevated above the rest of the test and the pillars are so large that their surface extremities are transversely elongated across the rays; this makes the rays resemble chickens' legs with overlapping scales. On the same side, the area between the rays shows a small fold well out toward the periphery; this prominence is ornamented with terminals of pillars slightly larger than those on the flat portion of the test. On the opposite side, the rays are less prominent and the area between them is flat

and bears only small terminals of pillars. The ends of the pillars are only slightly raised above the surface and there is no network.

This species is so rare at Point Bontour that not enough specimens were available for sectioning.

Age: Eocene.

Locality: Point Bontour, San Fernando, Trinidad.

Cisseis aurarensis, n. sp.

Pl. 4, figs. 1, 6, 7, 8.

The test is of medium size, convex at the center, covered with an irregular mesh which is coarse at the center. The rays are produced beyond the main part of the test in narrow straight projections resembling the rays on *Lepidocyclus martini* Schlumberger,¹ and different from those on most of the other species of *Cisseis*. These are very easily broken off and seldom preserved fast to the test. The equatorial layer has an embryo of two half embracing cells, which together measure about 160 μ . The large rectangular equatorial cells are arranged to form 5-8 rays. In vertical section the equatorial layer increases in width in the rays toward the periphery; the pillars are very strong at the center.

This species is easily distinguished from the others as it looks more like a stellate *Lepidocyclus* than like a *Cisseis*.

Age: Eocene.

Locality: District of Miranda, State of Zulia, Venezuela, locality numbers 3283 (or variety), 3315, 3316, 3318, 3344 (or variety).

Genus LEPIDOCYCLINA Gumbel

Subgenus LEPIDOCYCLINA (s. s.)

Lepidocyclus (*Lepidocyclus*) *trinitatis* H. Douvillé Pl. 4, fig. 10.

Isolepidina pustulosa A. H. Douvillé, 1917, Comptes Rendus Acad. Sci., vol. 164, p. 844, fig. 3, non fig. 4.

Isolepidina Trinitatis H. Douvillé, 1924, Bull. Soc. Géol. France, vol. 1, mém. no. 2, pp. 34-35, figs. 7-12, pl. 1, fig. 1.

Lepidocyclus (*Lepidocyclus*) *trinitatis* H. Douvillé, T. W. Vaughan, 1924, Bull. Geol. Soc. Amer., vol. 35, p. 797.

¹ C. Schlumberger, 1900, Samml. Geol. Reichs. Leiden, Ser. 1, Band 6, Heft 3, p. 131, pl. 6, figs. 5-8.

Isolepidina trinitatis H. Douvillé, G. D. Harris, 1926, Johns Hopkins University Studies in Geol., no. 7, pp. 104, 107.

L. trinitatis H. Douvillé in its megaspheric and microspheric forms is abundant at Point Bontour, Trinidad, and many localities in Venezuela. It usually occurs with many variations; two of the more common are described subsequently as subspecies.

Age: Eocene.

Locality: Districts of Miranda and Bolívar, State of Zulia, Venezuela, locality numbers 3256, 3265, 3303 (?), 3305, 3312; Point Bontour, San Fernando, Trinidad.

***Lepidocyclina trinitatis caribbeanensis*, n. subsp.** Pl. 4, fig. 5.

This subspecies includes the forms of *L. trinitatis* H. Douvillé which have the keel greatly extended. There are all variations between the species (*s. s.*) and the two new subspecies *caribbeensis* and *venezuelana*. The cells are a little more irregular in arrangement than in the species (*s. s.*) and the embryo attains almost 600 μ .

Age: Eocene.

Locality: Districts of Miranda and Bolívar, State of Zulia, Venezuela, locality numbers 3256, 3265, 3308 (?); Point Bontour, San Fernando, Trinidad.

***Lepidocyclina trinitatis venezuelana*, n. subsp.** Pl. 4, fig. 9.

This form differs from *L. trinitatis* H. Douvillé (*s. s.*) by being flatter on one side. The test is like that of the species (*s. s.*) on one side but the other side is only slightly convex instead of being so very high. There are all gradations between this subspecies, the species (*s. s.*) and the other new subspecies *caribbeanensis*. The vertical and horizontal sections show that the equatorial layer is not in one plane but is raised at the center toward the more convex side; this makes it equidistant between the two discoid surfaces. A similar raising of the center of the equatorial layer is usually found in forms which are not bilaterally symmetrical. The embryo attains 600 μ in diameter.

Age: Eocene.

Locality: Districts of Miranda and Bolivar, State of Zulia, Venezuela, locality numbers 3256, 3265, 3301; Point Bontour, San Fernando, Trinidad.

Lepidocyclina (**Lepidocyclina**) **bontourana**, n. sp. Pl. 5, figs. 2, 4, 5.

This species resembles very closely *L. trinitatis* H. Douvillé which is so abundant at Point Bontour. Although *L. bontourana* (n. sp.) measures only about 2.4 mm. in diameter, the megaspheric tests of the two species are almost identical externally,—very rotund, almost globular, and with a narrow border at the edge. Internally, the embryo of 2 cells is very large, measuring from about 770 to 860 μ in diameter contrasting with the much smaller one in *L. trinitatis* H. Douvillé. In horizontal section the embryo of this species is surrounded with a layer, usually single, of very narrow equatorial cells that sometimes extend almost a quarter of the way around it. Outside of these, the cells gradually assume an ogival shape and measure about 75 μ in diameter. In vertical section the pillars are irregular in size and arrangement; the equatorial layer on each side of the large embryo is short and composed of large cells.

Only the megaspheric form has been recognized. The microspheric forms of *Lepidocyclina* are usually not given a specific determination in this article because in most localities there are many species which are so much alike that it is impossible to tell which microspheric forms correspond to the various megaspheric forms.

Age: Eocene.

Locality: Point Bontour, San Fernando, Trinidad.

Lepidocyclina (**Lepidocyclina**) **hubbardi**, n. sp.

Pl. 5, figs. 1, 3, 7, 11.

The megaspheric test is very thin and attains 5.5 mm. in diameter. The center is somewhat swollen, ornamented in the adult with a mesh carrying about a dozen small papillæ which mark the ends of the pillars. This is bor-

dered by a wide, thin margin which shows the cells of the equatorial layer. It is abundant at some localities and varies somewhat in shape. Some of the specimens have the center higher on one side than on the other; in some, the central swelling spreads out farther, narrowing the thin border, in others it is more centralized and the border is wider. The horizontal section shows an embryo of 2 subequal cells measuring as an average 470μ , but attaining 560μ , as in *L. trinitetis* H. Douvillé. The equatorial cells are ogival and arranged in intersecting curves; the first ones are larger, measuring around 170μ ; the peripheral ones, smaller, measuring about 64μ . The vertical section of an adult shows an equatorial layer markedly increasing in width toward the periphery where it forms the major part of the test; the pillars are strong at the center especially in the fatter forms, irregular in arrangement and end in papillæ.

This species usually occurs together with its two new subspecies *bolivarensis* and *aurarensis*. At Point Bontour, Trinidad, it is more rare than in Venezuela and shows some variation, having usually a smaller embryo and cells; however, the specimens from the two localities are specifically identical. Only the megaspheric form has been recognized.

Named in honor of Dr. B. Hubbard.

Age: Eocene.

Locality: Districts of Miranda and Bolívar, State of Zulia, Venezuela, locality numbers 3256, 3262 A, 3265, 3267, 3301, 3303 (and variation), 3308 (and variation), 3314, 3315, 3318; Point Bontour, San Fernando, Trinidad.

***Lepidocyclus hubbardi bolivarensis*, n. subsp.**

Pl. 5, fig. 10; Pl. 6, fig. 1.

This subspecies comprises the variations of *L. hubbardi* (n. sp.) which are fatter and have an evenly convex surface instead of a hump at the center with a thin border at the edge, as is characteristic of the species (s. s.). *L. hubbardi bolivarensis* (n. subsp.) is thicker than the

other new subspecies *aurarensis*. The equatorial layer is like that of the species (*s. s.*).

Age: Eocene.

Locality: Districts of Miranda and Bolívar, State of Zulia, Venezuela, locality numbers 3256, 3265, 3267, 3301, 3314, 3316; Point Bontour, San Fernando, Trinidad.

***Lepidocyclina hubbardi aurarensis*, n. subsp.** Pl. 5, figs. 6, 8, 9.

This subspecies marks the limit of variation in *L. hubbardi* (*n. sp.*) toward a very thin form lacking the central hump.

Age: Eocene.

Locality: Districts of Miranda and Bolívar, State of Zulia, Venezuela, locality numbers 3256, 3265, 3316, 3318; Point Bontour, San Fernando, Trinidad.

***Lepidocyclina (Lepidocyclina) weeksi*, n. sp.** Pl. 6, figs. 3-8.

The test is small, moderately convex, and without any encircling collar or thin margin. The surface is covered with an irregular mesh. The equatorial layer has a bicellular embryo measuring about 450-700 μ in diameter; the ogival equatorial cells are larger at first and later become more regular, arranged in intersecting curves, and measure about 60-80 μ . The vertical section shows a good sized embryo, irregularly arranged pillars and large lateral cells; the equatorial band scarcely increases in width laterally.

It is closest to *L. trinitatis* H. Douvillé, but is thinner, lacks the encircling collar and has a little larger embryo.

Only the megaspheric form is known, but with this species occurs a microspheric form which may be specifically identical. Due to the similarity in the arrangement of pillars and in the size and shape of the equatorial cells in *L. (Polylepidina) mirandana* (*n. sp.*) and *L. (Lepidocyclina) weeksi* (*n. sp.*), both of which are found in the same collection, one cannot tell of which species this is the microspheric form. The cells of this unidentified microspheric form are more elongate and closer together and the

walls thinner than in the microspheric form of *L. trinitatis* H. Douvillé; most of the specimens are usually a little smaller.

Named in honor of Mr. L. G. Weeks, who collected most of the Venezuelan material used in this article.

Age: Eocene.

Locality: Districts of Miranda and Bolívar, State of Zulia, Venezuela, locality numbers 3256, 3262 A, 3265, 3267, 3268, 3301, 3304, 3305, 3312, 3317; Point Bontour, San Fernando, Trinidad.

***Lepidocyclina* (*Lepidocyclina*) *maracaibensis*, n. sp.** Pl. 6, figs. 2-4.

The test is small, attaining 1.6 mm. in diameter. It is very fat, peaked at the center, and slopes rapidly down to the rather thin encircling collar. The surface is covered with a coarse irregular mesh without much evidence of pillars. The equatorial layer shows an embryo of two subequal cells surrounded by a common wall; they measure about 268μ in diameter; the equatorial cells are a little larger at first, about 75μ , later decreasing to about 53μ in diameter where they are arranged in intersecting curves. The vertical section shows an equatorial layer increasing in diameter toward the periphery. There are a few rather large irregularly spaced pillars which are especially apparent in the larger forms.

Only the megaspheric form has been found and this is rare.

Age: Eocene.

Locality: District of Miranda, State of Zulia, Venezuela, locality number 3268.

Subgenus NEPHROLEPIDINA H. Douvillé

***Lepidocyclina* (*Nephrolepidina*) *kochi*, n. sp.** Pl. 6, figs. 5, 9, 10.

The test is moderately convex with practically no encircling collar; it attains a little over 3 mm. in diameter. The surface of well preserved specimens is covered with an irregular mesh which is coarsest at the center where there

are medium sized papillæ. The equatorial layer shows the striking feature of this species,—an embryonic apparatus intermediate between *Lepidocyclina* (s. s.) and *Nephrolepidina*; a very small percentage of the specimens are typical of the genus (s. s.), about one-fourth have a *Nephrolepidina* embryo and the rest are intermediate between the two. The embryo measures from 400 to 700 μ , but most are about 500 μ in diameter. The equatorial layer is composed of ogival cells arranged in intersecting curves; these are larger and more irregular at the center, but at the periphery they measure from 60 to 75 μ in diameter. The vertical section shows that the equatorial layer increases in width laterally, and that the irregularly arranged pillars are stronger at the center.

Only the megaspheric form is known.

Named in honor of Dr. Rich. Koch.

Age: Eocene.

Locality: Districts of Miranda and Bolívar, State of Zulia, Venezuela, locality numbers 3256, 3265, 3267, 3301, 3303, 3305, 3312, 3314, 3317; Point Bontour, San Fernando, Trinidad.

Subgenus POLYLEPIDINA Vaughan

Lepidocyclina (*Polylepidina*) *zuliana*, n. sp. Pl. 7, figs. 1-3.

The test is less than 3 mm. in diameter and about 0.5 mm. in height; flatly elliptical in outline, thinning gradually toward the periphery. The surface is ornamented with several fairly large papillæ; in the young specimens the cells of the equatorial layer are easily distinguishable on the margin, but in older ones the surface is covered with merely a coarse loose mesh. The equatorial layer shows a peculiar embryo about 480 μ in diameter, of which usually 3 cells can be distinguished in a given section. The first equatorial cells are wider than high, ogival, large and irregularly arranged (about 100 μ in diameter). Then they usually become smaller (about 50 μ in diameter) and more regularly arranged in intersecting curves. The vertical

section shows elliptical lateral cells and very indistinct pillars; the embryo is irregular and flanked by an equatorial layer of first irregular, and later ogival, almost square, cells which increase only slightly in size toward the periphery.

Only the megaspheric form is known.

Age: Eocene.

Locality: District of Miranda, State of Zulia, Venezuela, locality number 3268.

***Lepidocyclina (Polylepidina) mirandana*, n. sp.** Pl. 7, figs. 4-6.

The test is small, about 2.5 mm. in diameter, of moderate thickness, frequently higher on one side than the other, and frequently surrounded with a small projecting collar. The surface is usually weathered on the specimens available and shows only a rather coarse network. The equatorial layer is remarkably irregular in shape; the embryo usually shows 3 good sized cells and measures around 1.075 mm. in diameter; the ogival equatorial cells are a little larger at the center but soon measure about 75μ , some larger or smaller, and are arranged in intersecting curves. The vertical section shows a very long narrow embryo with irregular equatorial and lateral cells; the pillars are fairly numerous and vary in width and arrangement in the same specimen.

Only the megaspheric form was recognized although there is a microspheric form associated with it which may be of the same species. Due to the similarity of the arrangement of pillars and in the size and shape of the equatorial cells between *L. (Polylepidina) mirandana* (n. sp.) and *L. (Lepidocyclina) weeksi* (n. sp.), both of which are found in the same collection, one cannot tell to which of these the microspheric form belongs.

This species is easily distinguished from *L. (Polylepidina) zuliana* (n. sp.) by its larger pillars and more convex shape.

Age: Eocene.

Locality: District of Miranda, State of Zulia, Venezuela,

locality number 3312.

Lepidocyclina (Polylepidina ?) churugaritana, n. sp. Pl. 7, figs. 7, 8.

This species is small, measuring not over 2.5 mm., doubly sellate, covered with a network which is coarser at the center. The form is rare but sometimes occurs with striking variations: it may be only slightly doubly sellate, typical, or so very doubly sellate that two ends or two adjacent edges or both may grow together making one side flat like the top of an ordinary *Lepidocyclina* while the other side may look like a wedge or spine. It was impossible to tell to what subgenus this species belongs as the embryo was not distinct enough in either vertical or horizontal sections to warrant a decision; it seemed to consist of 1, 2, or 3 cells which measured about 107μ each and seemed arranged in a row. What few equatorial cells were seen at the center were ovigal. The vertical section shows a few poorly defined pillars.

Age: Eocene.

Locality: Districts of Miranda and Bolívar, State of Zulia, Venezuela, locality numbers 3265, 3268, 3317.

Subgenus PLIOLEPIDINA H. Douvillé

Lepidocyclina (Pliolepidina) sp.

In the collections from Point Bontour, Trinidad, there is one specimen of what seems to be *L. (Pliolepidina) tobléri* H. Douvillé.¹ From one locality in Venezuela there was one specimen which had a practically identical equatorial layer, but whose other characteristics make it seem specifically distinct from *L. tobléri*. It seems to belong to the same subgenus, which had not as yet been recorded from Venezuela in the literature. From the same locality among the *Polylepidina* and *Pliolepidina*, are individuals with very strange embryos consisting of many cells of which one or two are tremendous in size and irregular in shape. They seem to be teratologic and are not found elsewhere. One embryo measured 2.9 mm. in greatest diam-

¹ H. Douvillé, 1924, Mém. Soc. Géol. France, vol. 1, mém. 2, pp. 43-44, figs. 34-35.

eter.

Age: Eocene.

Locality: District of Miranda, State of Zulia, Venezuela, locality number 3312.

Genus MIOGYPSINA Sacco

Miogypsina hawkinsi, n. sp.

Pl. 7, fig. 9; Pl. 8, figs. 1, 2.

The test does not exceed 2 mm. in diameter, is more convex on one side than the other, and covered with large papillæ. It is quite thick and the greatest thickness is reached just a little off center near the embryo; around the edge is a thin encircling collar which is usually broken. The equatorial layer shows the embryo near the periphery, consisting of one spherical cell measuring about 160μ and another larger one almost hemispherical, measuring about 215μ , placed above it a little diagonally to the long axis of the test. This second one is followed by the spiral of 5-7 cells, usually 6. The first of these is largest, measuring about the same as the first spherical cell of the embryo in its greatest dimension but it is more irregular in shape. The next cells are successively smaller until there is a very small one (usually the fifth) which is followed by the remaining larger ones. The equatorial cells are arranged in intersecting curves and are only slightly longer than wide, measuring usually $107 \times 140\mu$; occasionally one attains 160μ in greatest diameter. A vertical section through the center shows prominently the first spherical cell of the embryo with a large cell above and two below it; the wide equatorial cells are almost square and thick walled; the lateral cells irregular; the pillars more prominent at the center.

This species is easily distinguished from *M. venezuelana* (n. sp.) by its very small size, by the position of the second embryonic cell which is obliquely above the first one instead of along side of it, and by the smaller size of the embryo. From *M. staufferi* Koch¹ it differs in being

¹ Rich. Koch, 1926, *Eclogæ geol. Helvetiæ*, vol. 19, no. 3, pp. 751-753, pl. 28, figs. 1-3.

smaller, in carrying its embryo nearer the periphery, and in the size of the second embryonic cell which is relatively larger than the first one. From *M. cushmani* Vaughan¹ which it resembles more closely, it differs in the smaller size of the first embryonic cell, and the much smaller size of the equatorial cells ($140-160\mu$ instead of $200-249\mu$); this great difference in embryonic apparatus with no forms intergrading between the two would make the Venezuelan form of specific rather than subspecific rank.

One dwarfed specimen was found whose first embryonic cells measured 107μ instead of 160μ , and all of the other cells were correspondingly small; the arrangement of the cells was typical of the species.

Named in honor of Mr. G. D. Hawkins, who helped collect the material.

Age: Oligocene-Miocene.

Locality: District of Buchivacoa, State of Falcón, Venezuela, locality number 3514.

Miogypsina venezuelana, n. sp.

Pl. 8, figs. 3-6.

The test of this species is very large and thin and easily broken; consequently, only fragments have been found, but some of these pieces measure 7 mm. in diameter so that whole specimens must attain 10 mm. The outside is evenly covered with small, equal papillæ; one side is more convex than the other, but as yet the shape of the whole test has not been seen. The horizontal sections show the embryo situated near the periphery; it consists of 2 large distinct cells, one spherical and measuring about 215μ , the other at its side and more hemispherical, measuring about $270-300\mu$ in its greatest dimension. The spiral which begins at the second cell of the embryo consists of 7-8 cells; the first 3 or 4 are successively smaller, the first and largest of which measures about 160μ and is usually irregular in

¹ T. W. Vaughan, 1924, Bull. Geol. Soc. Amer., vol. 35, pp. 802, 803, 813, pl. 36, figs. 4-6.

shape. These are usually followed by 1-3 very small irregular poorly defined cells, and then by 2 or 3 larger cells. One specimen was found in which the first cell of the spiral was almost as large as the first cell of the embryo but the section was slightly oblique and the individual probably a little abnormal. The equatorial cells are smaller near the embryo where they are rather square in shape and as small as 110μ ; they increase in size toward the periphery and become increasingly diamond-shaped until at the side opposite the embryo they attain $320 \times 215\mu$. The vertical sections are unsatisfactory as yet, for since most of the specimens are fragmentary it is hard to orient them right to produce a vertical section through the embryo; however, it can be seen that the lateral cells are small and numerous; the pillars are quite regular in size and distribution, ending in small papillæ on both surfaces of the test.

The species is strikingly different from all other discovered in the new world,—it is so large. The location of the second cell of the embryo is at one side instead of above the first cell of the embryo as in *M. staufferi* Koch, and the spiral cells are conspicuously smaller than the embryonic ones.

Age: Oligocene-Miocene.

Locality: District of Buchivacoa, State of Falcón, Venezuela, locality numbers 17, 2187, 3514.

PLATES

Printed plates furnished by Mr. and Mrs. Hudson

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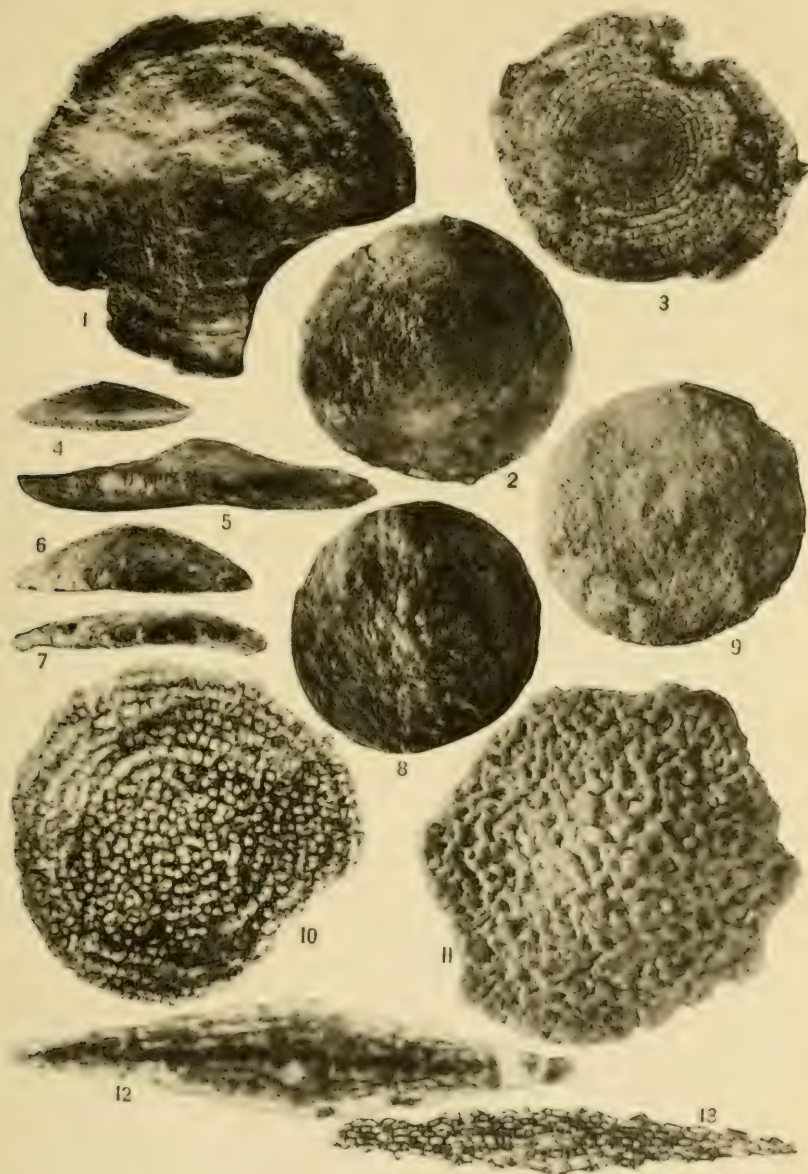


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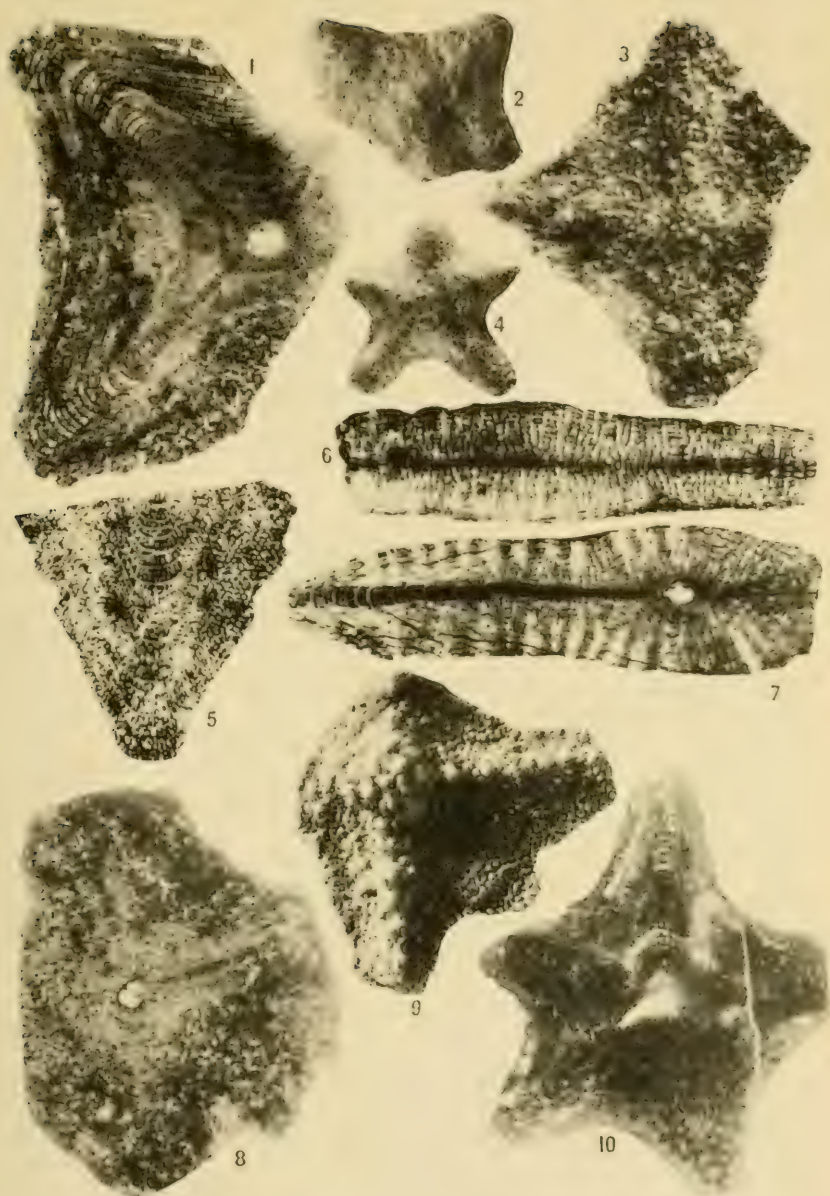


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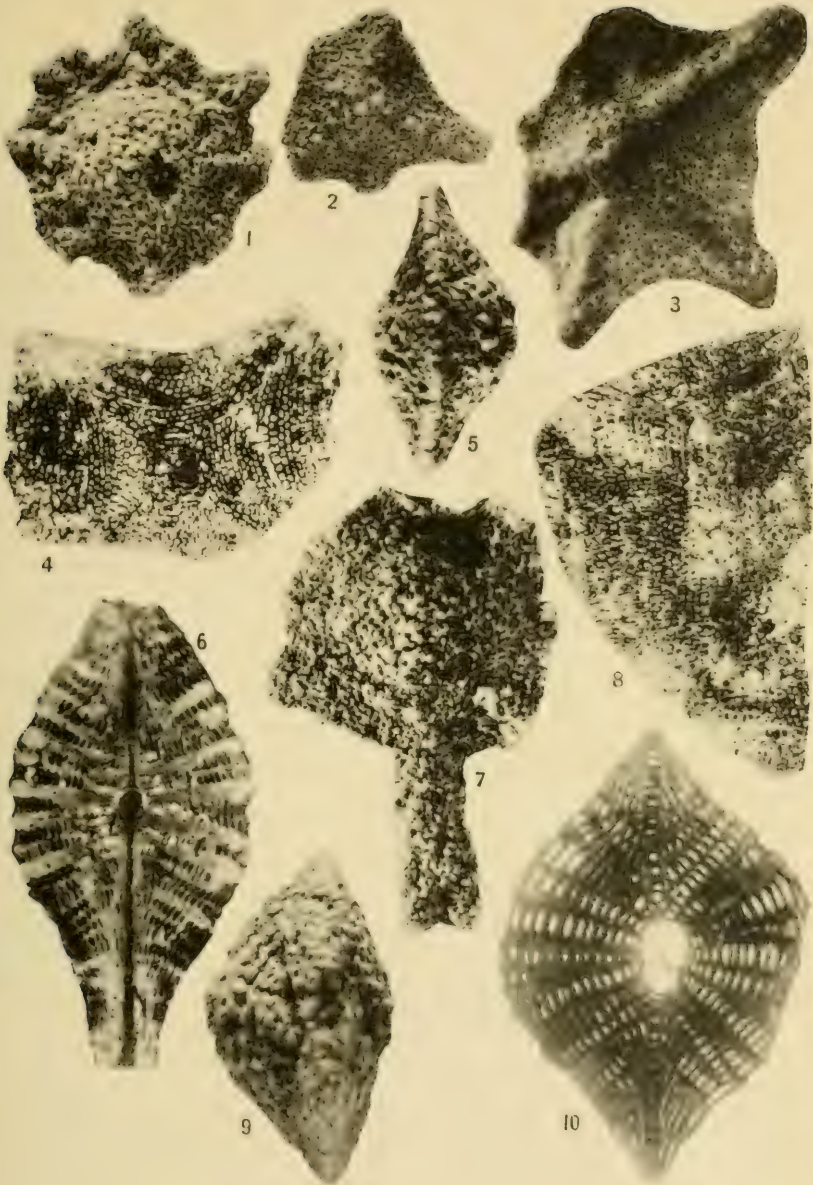


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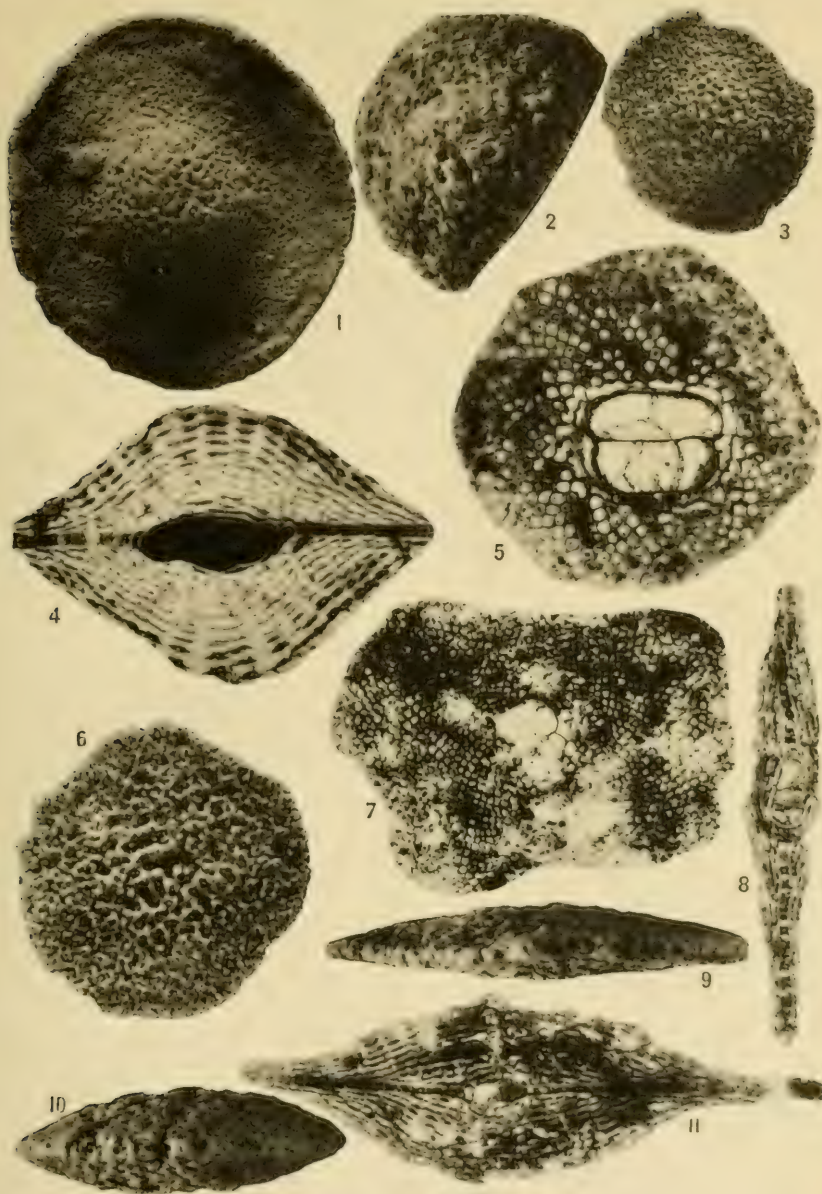


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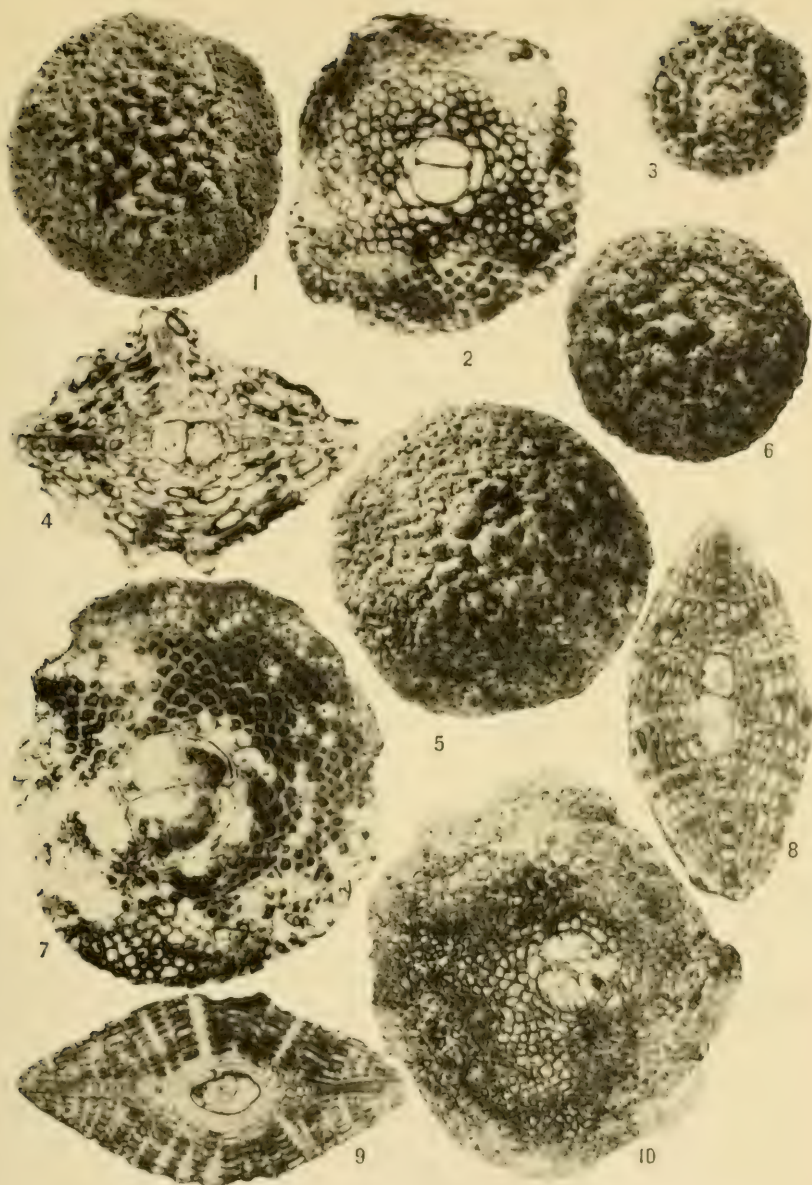


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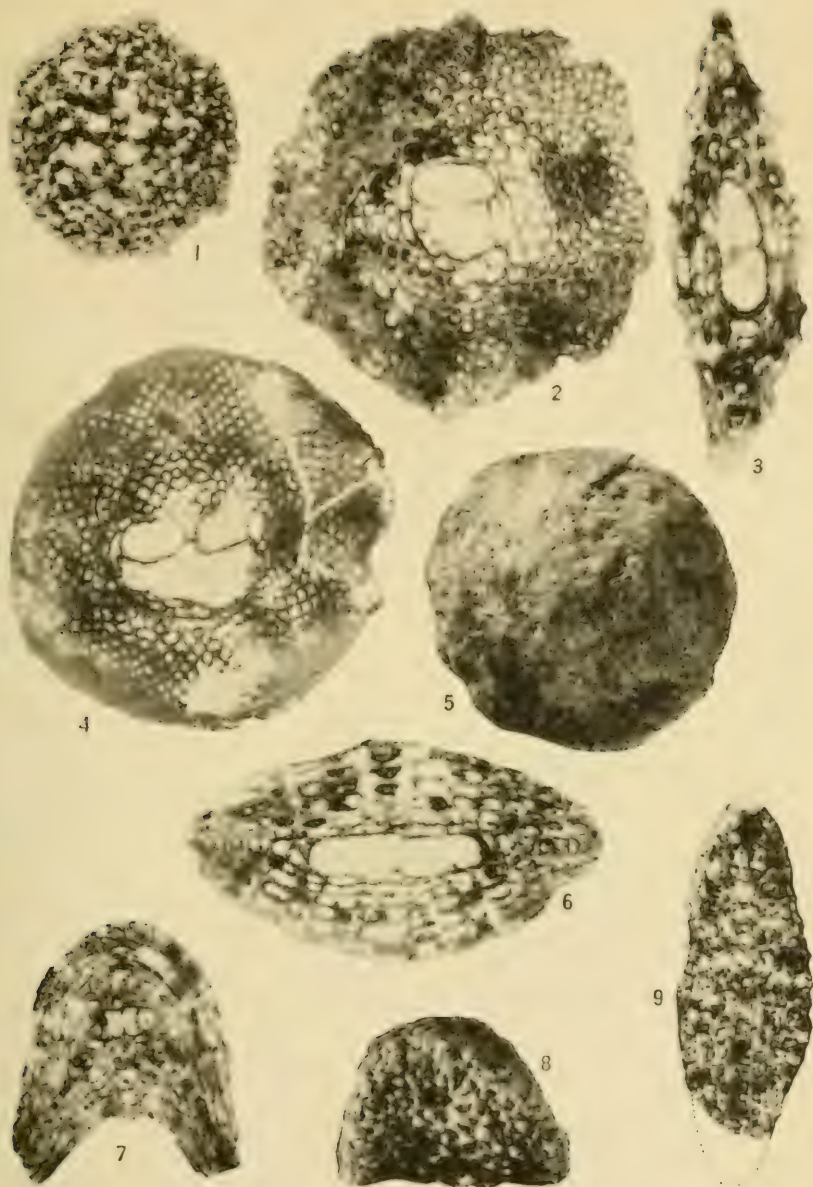
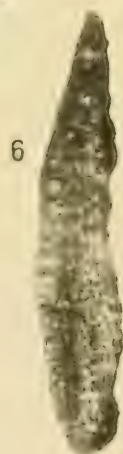
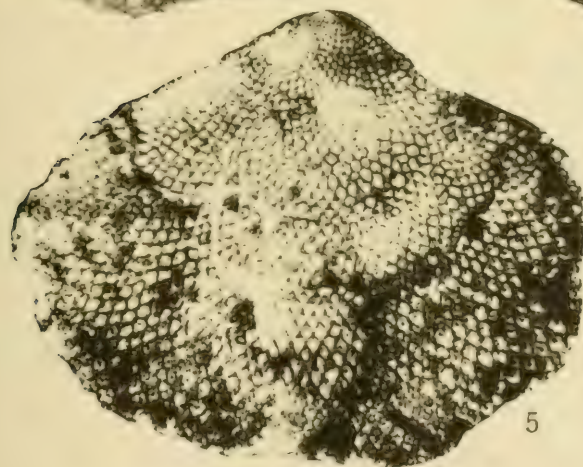
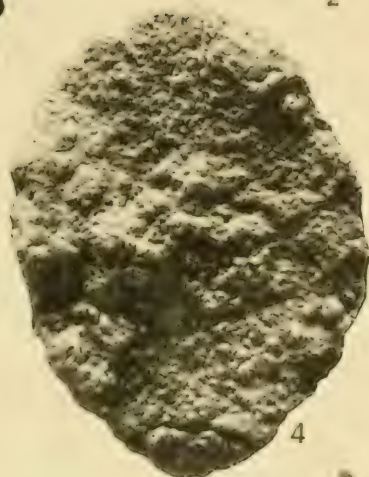
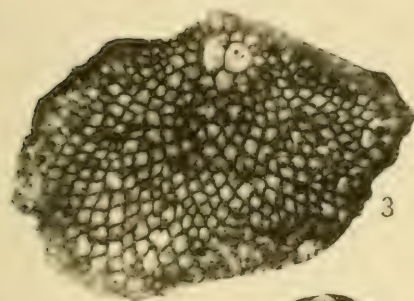
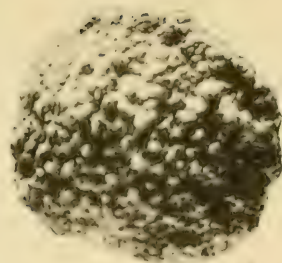
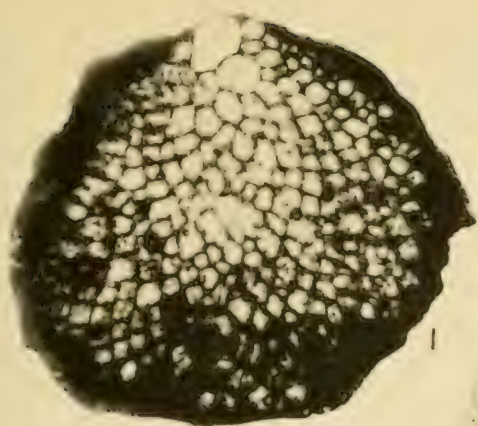


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**BULLETINS
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**BIBLIOGRAPHY AND INDEX OF NORTH AMERICAN
MESOZOIC INVERTEBRATA**

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June 29, 1928

Harris Co.
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PREFACE

IN THE YEAR 1893 Dr. C. B. Boyle published, in Bulletin No. 102 of the United States Geological Survey, "A Catalogue and Bibliography of North American Mesozoic Invertebrata." The species listed by Boyle were described prior to 1892.

In the following pages the genera and species described between the years 1892 and 1922 are listed alphabetically and the references to the literature are given. In general, such species as have actually been published with descriptions or figures are included in the index. In a few instances where species have been figured only, and these figures have appeared in several works, some of the references have been omitted, only the most readily obtainable works being listed. In special cases a few species peculiar in their distribution have been listed although they were not, in reality, described and figured. No attempt has been made to emend any of the generic and specific names, but they have been listed as used by the various authors.

The writer wishes to express his appreciation of the assistance rendered him by many friends and former students during the several years in which the work was in compilation.

The assistance rendered by Professor G. D. Harris in the publication of the material and the aid given by Mr. R. H. Cuyler and Mr. Joe Cannon in typewriting the manuscript are especially appreciated.

F. L. WHITNEY

Austin, Texas
June 1, 1928

Note.— Professor Whitney generously contributed one-half the linotype composition expense of this Bulletin.—Pub'rs

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American Journal of Science, Ser. 4, vol. 43, 1917.
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Philadelphia Academy of Natural Science, Proceedings, vol. 73, 1921.
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U. S. Geological Survey, Bull. 128, 1895.
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U. S. Geological Survey Monograph No. 18, 1892.
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islands.

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Cretaceous formations of British Columbia, etc.

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Cretaceous in Minnesota, with additions from Nebraska and
Illinois (Foraminifera, Radiolaria, coccoliths, rhabdoliths).
Minnesota Geological Final Report, vol. 3, pt. 1, 1895.

PART II

LIST OF FOSSILS

- Acanthoceras compressum** n. sp. Anderson
Cal. Acad. Sci. Proc., 3rd ser., Geol., vol. 2, 1902, No. 1, p. 107,
pl. IX, fig. 187.
Formation: Cretaceous, Lower Chico beds
Location: Los Angeles County, California
- **coloradoensis** n. sp. Henderson
U. S. Nat. Mus. Proc., vol. 34, 1908, p. 259, pl. XIII, figs. 10, 11
Formation: Cretaceous, Fort Benton Shales
Location: Boulder, Colorado
- **hoplitoides** n. sp. Lasswitz
Geol. und Pale. Abh., N. F. 6, Heft 4, 1904, p. 19, Taf. III (XV),
figs. 3a, 3b
Formation: Cretaceous
Location: Austin, Texas
- ? **justinae** n. sp. Hill
Wash. Biol. Soc. Proc., vol. 8, 1893, p. 38, pl. VII, figs. 1-3
Formation: Cretaceous, Lower Trinity
Location: Texas
- ? **kanabense** n. sp. Stanton
U. S. Geol. Sur., Bull. 106, 1893, p. 181, pl. XXXVI, figs. 6-8
Formation: Cretaceous
Location: New Braunfels, Texas; Utah
- **Mantelli** (Sow.) Lasswitz
Geol. und Pale. Abh., N. F. 6, Heft. 4, 1904, p. 18 (no plate)
Formation: Cretaceous
Location: Texas
- **rhotomagense** Lasswitz
Geol. und Pale. Abh., N. F. 6, Heft 4, 1904, pl. 17 (no plate)
Formation: Cretaceous
Location: Texas
- **woolgari** Mantell sp. Whiteaves
Canadian Roy. Soc., Proc. and Trans., vol. 10, sec. IV, 1892, p. 119
Formation: Cretaceous, La Biche shale
Location: District of Athabasca, Canada
- **worthense** n. sp. Adkins
University of Texas Bull., No. 1856, 1918, p. 93, pl. I, figs. 11-13,
15-17, 20-25
Formation: Cretaceous, Pawpaw
Location: Near Fort Worth, Texas

- Acanthodiscus euthymiformis* n. sp. Burckhardt
Inst. Geol. de México, Bol. 29, 1912, p. 187, Lám. XLIV, figs. 8, 12,
13, 16
Formation: Cretaceous, Berriasian
Location: Cerro del Aguajito, Durango
- *transatlanticus* n. sp. Burckhardt
Inst. Geol. de México, Bol. 29, 1912, p. 186, Lám. XLIV, figs. 9,
11, 14, 15, 23
Formation: Cretaceous, Berriasian
Location: Cerro del Aguajito, Durango
- Acila* — see *Nucula*
- Acirsa corrugata* n. sp. Wade
Phila. Acad. Nat. Sci. Proc., vol. 69, 1917, p. 300, pl. XVIII, fig. 9
Formation: Upper Cretaceous, Ripley
Location: Coon Creek, McNairy Co., Tenn.
- *microstriata* n. sp. Wade
Phila. Acad. Nat. Sci. Proc., vol. 69, 1917, p. 299, pl. XVIII, fig. 8
Formation: Upper Cretaceous, Ripley
Location: Coon Creek, McNairy Co., Tenn.
- Acmaea cerrillosensis* n. sp. Johnson
Columbia Univ. Contr. Geol. Dept., vol. X, No. 90, 1903, p. 127,
pl. I, fig. 9a, b
Formation: Cretaceous, Ft. Benton
Location: Cerrillos, New Mexico
- *cerrillosensis* n. sp. Johnson
School of Mines Quart., vol. 24, No. 2, 1903, p. 199, pl. I, fig. 9, a, b
Formation: Cretaceous, Fort Benton age
Location: Cerrillos, New Mexico
- Acompsoceras* n. gen. Hyatt
U. S. Geol. Sur. Mon., 44, 1903, p. 111, no pl.
Formation: Cretaceous
- Aconeceras* n. gen. Hyatt
U. S. Geol. Sur. Mon. 44, 1903, p. 100, no pl.
Formation: Cretaceous
- Acrochordiceras* (Hyatt) Hyatt and Smith
U. S. Geol. Sur. Prof. Paper 40, 1905, p. 177, no pl.
Formation: Triassic
- *alternans* n. sp. Smith
U. S. Geol. Sur. Prof. Paper 83, 1914, p. 38, pl. XXII, figs. 15-17,
pl. XXIII, figs. 4, 5
Formation: Triassic
Location: West Humboldt Range, Nevada
- *foltzense* n. sp. Smith
U. S. Geol. Sur. Prof. Paper 83, 1914, p. 39, pl. XXII, figs. 13-14
Formation: Triassic
Location: West Humboldt Range, Nevada
- *hyatti* (Meek) Hyatt and Smith
U. S. Geol. Sur. Prof. Paper 40, 1905, p. 178, pl. XXIII, figs. 8-11
Formation: Triassic
Location: West Humboldt Range, Nevada
- *hyatti* (Meek) Smith
U. S. Geol. Sur. Prof. Paper 83, 1914, p. 39, pl. IV, figs. 8-11,
pl. XV, figs. 5-5a
Formation: Triassic
Location: West Humboldt Range, Nevada

- **inyoense** n. sp. Smith
U. S. Geol. Sur. Prof. Paper 83, 1914, p. 40, pl. XXXIV, figs. 11-13
Formation: Triassic
Location: Inyo county, California
- Actaeon** (Montfort) Gardner
Maryland Geol. Sur. U. Cret., 1916, p. 397, no pl.
Formation: Cretaceous
Location: Maryland
- **cretacea** Whitfield
Geol. Sur. N. J., vol. 2, 1892, p. 158, pl. XIX, figs. 9-12
Formation: Cretaceous, Lower Green Marls
Location: New Jersey
- **cretacea** Whitfield
U. S. Geol. Sur. Mon. 18, p. 158, 1892, pl. XIX, figs. 9-12
Formation: Cretaceous, Lower Green Marls
Location: Crosswicks, New Jersey
- **cretacea** (Gabb) Weller
Geol. Sur. N. J. Pal., vol. 4, 1907, p. 805, pl. XCIX, figs. 1-6
Formation: Cretaceous, Wenonah Sand, Navesink marl
Location: New Jersey
- **forbesiana** n. sp. Whitfield
Geol. Sur. N. J., vol. 2, 1892, p. 157, pl. XIX, figs. 17-22
Formation: Cretaceous, Lower Green Marls
Location: New Jersey
- **forbesiana** n. sp. Whitfield
U. S. Geol. Sur. Mon. 18, 1892, p. 157, pl. XIX, figs. 17-22
Formation: Cretaceous, Lower Green Marls
Location: New Jersey
- **gabbana** Whitfield, Weller
Geol. Sur. of N. J. Pal., vol. 4, 1907, p. 807, pl. XCIX, figs. 7-8
Formation: Cretaceous, Woodbury clay, Navesink marl
Location: New Jersey
- **gabbana** n. sp. Whitfield
Geol. Sur. of N. J., vol. 2, 1892, p. 156, pl. XIX, figs. 23-25
Formation: Cretaceous, Lower Green Marls
Location: New Jersey
- **gabbana** Whitfield
U. S. Geol. Sur. Mon. 18, 1892, p. 156, pl. XIX, figs. 23-25
Formation: Cretaceous, Lower Green Marls
Location: Tinton Falls, New Jersey
- **gabbana** (Whitfield) Gardner
Maryland Geol. Sur. U. Cret., 1916, p. 398, no pl.
Formation: Cretaceous, Monmouth
Location: New Jersey; Maryland
- **linteus** (Conrad) Gardner
Maryland Geol. Sur. U. Cret., 1916, p. 397, pl. XVIII, figs. 3, 4
Formation: Cretaceous, Monmouth, Ripley
Location: Maryland, Mississippi
- **propinquus** n. sp. Stanton
U. S. Geol. Sur., Bull. 106, p. 161, 1893, pl. XXXIV, figs. 5-8
Formation: Cretaceous, Pugnellus sandstone
Location: Huerfano Park, Colorado
- **propinquus** (Stanton) Herrick-Johnson
Denison Univ. Sci. Lab., Bull., vol. 11, art. 9, 1900, pl. XLIV.

figs. 5-8

Formation: Cretaceous

Location: New Mexico

- **propinquus** (Stanton) Shimer and Blodgett
Amer. Journ. Sci., ser. 4, vol. 25, 1908, p. 65

Formation: Cretaceous

Location: Fort Benton, or possibly Niobrara

- **propinquus** Stanton

U. S. Geol. Sur. Bull. 106, 1893, p. 161, pl. XXXIV, figs. 5-8

Formation: Cretaceous, Pugnellus sandstone

Location: Huerfano Park, Colorado

- **subovoides** n. sp. Whitfield

Geol. Sur. N. J., vol. 2, 1892, p. 155, pl. XIX, figs. 14-16

Formation: Cretaceous, Lower Green Marls

Location: New Jersey

- **subovoides** Whitfield

U. S. Geo. Sur. Mon. 18, 1892, p. 155, pl. XIX, figs. 14-16

Formation: Cretaceous, Lower Green Marls

Location: Mullica Hill, New Jersey

- Actaeon** *ella* aff. **Grossouvrei**, Cossm., E. Böse

Inst. Geol. de México, Bol. 24, p. 91, 1906, no plate

Formation: Cretaceous, Senonian

Location: Tampico á San Luis Potosí

- (**Trochactaeon**) **acutissima** n. sp. Böse

Inst. Geol. de México, Bol. 24, 1906, p. 79, Lám. XVI, figs. 4-11

Formation: Cretaceous, Senonian

Location: Between Cárdenas and Escontría, Mexico

- (**Trochactaeon**) **brevis** n. sp. Böse

Inst. Geol. de México, Bol. 24, 1906, p. 85, Lám. XVIII, figs. 1-7

Formation: Cretaceous, Senonian

Location: Mexico

- (**Trochactaeon**) **coneformis** n. sp. Böse

Inst. Geol. de México, Bol. 24, 1906, p. 78, Lám. XVI, figs. 12-21

Formation: Cretaceous, Senonian

Location: Mexico, near Cárdenas

- (**Trochactaeon**) aff. **gigantica** (Sow.) Böse

Inst. Geol. de México, Bol. 24, 1906, p. 82, Lám. XVII, fig. 1

Formation: Cretaceous, Senonian

Location: Mexico, near Cárdenas

- (**Trochactaeon**) **inconstans** n. sp. Böse

Inst. Geol. de México, Bol. 24, 1906, p. 83, Lám. XVII, figs. 11-19

Formation: Cretaceous, Senonian

Location: Mexico, near Cárdenas

- (**Trochactaeon**) **irregularis** n. sp. Böse

Inst. Geol. de México, Bol. 24, 1906, p. 84, Lám. XVII, figs. 20-27

Formation: Cretaceous, Senonian

Location: Mexico, near Cárdenas

- (**Trochactaeon**) **occidentalis** n. sp. Böse

Inst. Geol. de México, Bol. 24, 1906, p. 81, Lám. XVII, figs. 2-10

Formation: Cretaceous, Senonian

Location: Mexico, near Cárdenas

- (**Trochactaeon**) **planilateris** n. sp. Böse

Inst. Geol. de México, Bol. 24, 1906, p. 87, Lám. XVIII, figs. 8-13

Formation: Cretaceous, Senonian

Location: Mexico, near Cárdenas

- (*Trochactaeon*) *potosiana* n. sp. Böse
Inst. Geol. de México, Bol. 24, 1906, p. 88, Lám. XVIII, figs. 14-25
Formation: Cretaceous, Senonian
Location: Mexico, near Cárdenas
- (*Trochactaeon*) *variabilis* n. sp. Böse
Inst. Geol. de México, Bol. 24, 1906, p. 90, Lám. XVIII, figs. 26-34
Formation: Cretaceous, Senonian
Location: Mexico, near Cárdenas
- Actaeonina* (Gray) Gardner
Maryland Geol. Sur., U. Cret., 1916, p. 409, no pl.
Formation: Cretaceous
Location: Maryland
- *forbesiana* (Whitfield) Gardner
Maryland Geol. Sur., U. Cret., 1916, p. 410, no pl.
Formation: Cretaceous, Monmouth
Location: Maryland; New Jersey
- *maloniana* n. sp. Cragin
U. S. Geol. Sur. Bull. 266, 1905, p. 99, pl. XX, fig. 14
Formation: Jurassic
Location: Malone, Texas
- Admetopsis* ? *elevata* n. sp. Johnson
School of Mines Quart., vol. 24, No. 2, 1903, p. 203, pl. I, fig. 14
Formation: Cretaceous, Fort Pierre
Location: Santa Rosa Mountain, New Mexico
- Admetopsis* ? *elevata* n. sp. Johnson
Columbia Univ. Contr. Geol. Dept., vol. X, No. 90, 1903, p. 131,
pl. I, fig. 14
Formation: Cretaceous, St. Pierre
Location: Santa Rosa Mountain, New Mexico
- Admetopsis* *humerosa* n. sp. Stanton
U. S. Geol. Sur., Bull. 106, p. 160, 1893, pl. XXXIII, figs. 4, 5
Formation: Cretaceous, Colorado
Location: Southwest Utah, near Iron City
- *rhomboides* (Meek) Stanton
U. S. Geol. Sur., Bull. 106, p. 158, 1893, pl. XXXIII, fig. 3
Formation: Cretaceous
Location: Near base of Cretaceous section at Coalville, Utah
- *subfusiformis* (Meek) Stanton
U. S. Geol. Sur., Bull. 106, 1893, p. 159, pl. XXXIII, figs. 1, 2
Formation: Cretaceous
Location: Coalville, Utah
- Aenona* (Conrad) Gardner
Maryland Geol. Sur., U. Cret., 1916, p. 697, no pl.
Formation: Cretaceous
Location: Maryland
- *eufalensis* (Conrad) Gardner
Maryland Geol. Sur., U. Cret., 1916, p. 697, pl. XLII, figs. 3, 4
Formation: Cretaceous, Monmouth, Matawan, Ripley
Location: Maryland; New Jersey; Georgia; Alabama; Mississippi
- *eufaulensis* (Conrad) Weller
Geol. Sur. N. J. Pal., vol. 4, 1907, p. 623, pl. LXX, figs. 24, 25
Formation: Cretaceous, Woodbury clay
Location: New Jersey; Alabama; Mississippi; Texas
- *papyria* (Conrad) Weller

- Geol. Sur. N. J. Pal., vol. 4, 1907, p. 624, pl. LXX, fig. 26
 Formation: Cretaceous, Woodbury clay
 Location: New Jersey
- Agglutinantia McClung**
 Univ. Kan. Geol. Sur., vol. 4, 1898, p. 420, no pl.
 Formation: Silurian to Recent
- Agria davidsoni** (Hill) Toucas
 Mémoires de la Soc. Géol. de France, Paléontologie Mémoire,
 Tome XIV, Fascicule 4, No. 36, 1907, p. 24, pl. II, fig. 1, 1a
 Formation: Cretaceous, Caprina limestone beds
 Location: Texas
- Aguileria cumminsi** (White) Cragin
 Texas Geol. Sur., Fourth Ann. Rep., 1893, p. 167 of Part II, no pl.
 Formation: Cretaceous, Lower Cross Timber sands
 Location: Southwest of Lewisville, Texas
- Alaria fairbanksi** n. sp. Davis
 Jour. Geol., vol. 21, 1913, p. 456, fig. 1
 Formation: Jurassic, Franciscan slate
 Location: Slate's Springs, California
- **rostrata** Whitfield
 U. S. Geol. Sur., Mon. 18, p. 119, 1892, pl. XIV, figs. 5, 6
 Formation: Cretaceous, Lower Green Marls
 Location: Near Burlington, New Jersey
- **rostrata** Whitfield
 Geol. Sur. N. J., vol. 2, 1892, p. 119, pl. XIV, figs. 5, 6
 Formation: Cretaceous, Lower Green Marls
 Location: New Jersey
- Alectryonia** see *Ostrea*
- Alectryonia carinata** (Lamarck) Whitney
 Tex. Acad. Sci. Trans., vol. 12, 1913, p. 12, pl. 1, figs. 1, 2
 Formation: Cretaceous, Buda limestone
 Location: Shoal Creek, Austin, Texas
- **carinata** (Lamarck) Whitney
 Univ. of Texas, Bull. 184, 1911, p. 12, pl. I, figs. 1, 2
 Formation: Cretaceous, Buda
 Location: Shoal Creek, Austin, Texas
- **sp.** Shattuck
 U. S. Geol. Sur. Bull. 205, 1903, p. 21, no pl.
 Formation: Cretaceous, Buda
 Location: Austin, Texas
- Amauropsis** (Mörch) Gardner
 Maryland Geol. Sur., U. Cret., 1916, p. 502, no pl.
 Formation: Cretaceous
 Location: Maryland
- Amauropsis alveata** (Conrad) Stanton
 U. S. Geol. Sur., 17th Ann. Rept., pt. I, 1894, p. 1032, no pl.
 Formation: Cretaceous, Tertiary transition, Chico and Tejon
 Location: California
- **bulbiformis** (Sow.) Herrick-Johnson
 Denison Univ. Sci. Lab. Bull., vol. 11, art. 9, 1900, pl. XLII,
 figs. 2-4 (no description)
 Formation: Cretaceous
 Location: New Mexico
- **bulbiformis** (Sow.) Stanton
 U. S. Geol. Sur., Bull. 106, p. 137, 1893, pl. XXX, figs. 2-4

- Formation: Cretaceous, Pugnellus sandstone, Benton Shale
 Location: Colorado
- *compacta* n. sp. Gardner
 Maryland Geol. Sur., U. Cret., 1916, p. 504, pl. XIII, figs. 3, 4
 Formation: Cretaceous, Monmouth
 Location: Prince George's County, Maryland
- *meekana* (Whitfield) Gardner
 Maryland Geol. Sur., U. Cret., 1916, p. 503, no pl.
 Formation: Cretaceous, Matawan
 Location: Delaware
- *meekana* (Whitfield) Weller
 Geol. Sur. N. J. Pal., vol. 4, 1907, p. 681, pl. LXXVII, figs. 1-3
 Formation: Cretaceous, Merchantville clay-marl, Woodbury clay
 Location: New Jersey
- *meekana* n. sp. Whitfield
 Geol. Sur. N. J., vol. 2, 1892, p. 131, pl. XVI, figs. 22-25
 Formation: Cretaceous, Lower Green Marls
 Location: New Jersey
- *meekana* n. sp. Whitfield
 U. S. Geol. Sur., Mon. 18, 1892, p. 131, pl. XVI, figs. 22-25
 Formation: Cretaceous, Lower Green Marls
 Location: Haddonfield, New Jersey
- *punctata* (Gabb) Weller
 Geol. Sur. N. J. Pal., vol. 4, 1907, p. 682, pl. LXXVII, figs. 4-6
 Formation: Cretaceous, Navesink marl
 Location: New Jersey
- *punctata* Whitfield
 Geol. Sur. N. J., vol. 2, 1892, p. 132, pl. XVI, figs. 17-21
 Formation: Cretaceous, Lower Green Marls
 Location: New Jersey
- *punctata* Whitfield
 U. S. Geol. Sur., Mon. 18, p. 132, 1892, pl. XVI, figs. 17-21
 Formation: Cretaceous, Lower Green Marls
 Location: Mullica Hill, New Jersey
- *suciensis* n. sp. Whiteaves
 Geol. Sur. Canada, Mesozoic Fossils, vol. 1, pt. 5, 1903, p. 336,
 no pl.
 Formation: Cretaceous
 Location: Nanaimo River, Vancouver Island; Sucia Island in
 Straits of Georgia
- *tenuistriata* Whiteaves
 Geol. Sur. Canada, Mesozoic Fossils, vol. 4, p. 287, 1900, no pl.
 Formation: Mesozoic coal bearing rocks
 Location: Queen Charlotte Island
- *utahensis* (White) Herrick-Johnson
 Denison Univ. Sci. Lab. Bull., vol. 11, art. 9, 1900, pl. XLII, fig. 1
 Formation: Cretaceous
 Location: New Mexico
- *utahensis* (White) Stanton
 U. S. Geol. Sur. Bull. 106, p. 138, 1893, pl. XXX, fig. 1
 Formation: Cretaceous
 Location: Coalville, Utah
- Amberleya dilleri* n. sp. Stanton
 U. S. Geol. Sur. Bull. 133, 1896, p. 68, pl. XII, figs. 7-9

- Formation: Cretaceous
Location: Paskenta, California
- **dilleri** (Stanton) Arnold
U. S. Nat. Mus. Proc., vol. 34, 1908, pl. XXXI, fig. 2 (no description)
Formation: Cretaceous
Location: Knoxville and Chico, California
- **graysonensis** n. sp. Adkins
Univ. of Texas Bull., No. 1856, 1918, p. 137, pl. VI, fig. 5
Formation: Comanchean, Weno
Location: Denison, Texas
- **greonlandica** n. sp. Ravn
Copenhagen Univ. Min. and Geol. Mus. Comm. Pal. No. 10, 1911, p. 482, pl. XXXV, fig. 5
Formation: Jurassic
Location: Store Koldewey Island, Greenland
- **greonlandica** n. sp. Ravn
Meddelelser om Grönland, vol. 45, 1911, p. 482, pl. XXXV, fig. 5
Formation: Jurassic
Location: Store Koldewey, Greenland
- **Jasicofiana** (d'Orbigny) Ravn
Meddelelser om Grönland, vol. 45, 1911, p. 482
Formation: Jurassic
Location: "4 Saenkning" Store Koldewey, Greenland
- Jasicofiana** (d'Orbigny sp. ?) Ravn
Copenhagen Univ. Min. and Geol. Mus. Comm. Paleont., 10, 1911, p. 482
Formation: Jurassic
Location: "4 Saenkning," Store Koldewey Island, Greenland
- Ambocardia cooki** (Whitfield) Weller
Geol. Sur. N. J. Pal., vol. 4, 1907, p. 548, pl. LX, figs. 1, 2
Formation: Cretaceous, Raritan clay
Location: New Jersey
- Amioceras nevadanum** Hyatt
Geol. Soc. Amer. Bull., vol. 5, 1894, p. 417, no pl.
Formation: Triassic
Location: Nevada
- Ammonites complexus** Whitfield
Geol. Sur. N. J., vol. 2, 1892, p. 249, pl. XLI, figs. 5-7
Formation: Cretaceous, Lower Green marls
Location: New Jersey
- **complexus** Whitfield
U. S. Geol. Sur., Mon. 18, p. 249, 1892, pl. XLI, figs. 5-7
Formation: Cretaceous, marls
Location: Holindel, New Jersey
- (**Amaltheus**) **cordiformis** Whitfield and Hovey
Amer. Mus. Nat. Hist., Bull., vol. 22, 1906, p. 401, pl. LII, LIII, LIV, LV, LVI, LVII, LVIII, LIX, LX, figs. 1, 2
Formation: Jurassic
Location: Black Hills
- **delawarensis** Whitfield
Geol. Sur. N. J., vol. 2, 1892, p. 252, pl. XLII, figs. 6-9, pl. XLIII, figs. 1-2
Formation: Cretaceous

- Location: New Jersey; Delaware; Alabama
- *delawarensis* Whitfield
U. S. Geol. Sur., Mon. 18, p. 252, 1892, pl. XLII, figs. 6-9, pl. XLIII, figs. 1-2
Formation: Cretaceous, Marls
Location: Burlington, New Jersey
- *dentato-carinatus* Whitfield
Geol. Sur. N. J., vol. 2, 1892, p. 250, pl. XLI, figs. 3, 4
Formation: Cretaceous, Lower Green Marls
Location: New Jersey
- *dentato-carinatus* Whitfield
U. S. Geol. Sur., Mon. 18, p. 250, 1892, pl. XLI, figs. 3, 4
Formation: Cretaceous, Lower Green Marls
Location: New Jersey
- *jugal* (Gabb) Stanton
U. S. Geol. Sur., 17th Ann. Rep., pt. 1, 1896, p. 1031, no pl.
Formation: Cretaceous, Tertiary transition, Chico and Tejon
Location: California
- (*Sphenodiscus*) *lenticularis* Whitfield
U. S. Geol. Sur., Mon. 18, 1892, p. 258, pl. XLI, figs. 8, 9
Formation: Cretaceous, Middle Green Marls
Location: New Jersey
- (*Sphenodiscus*) *lenticularis* Whitfield
Geol. Sur. N. J., vol. 2, 1892, p. 258, pl. XLI, figs. 8, 9
Formation: Cretaceous, Middle Green Marls
Location: New Jersey
- (*Placenticer*) *placenta* Whitfield
U. S. Geol. Sur., Mon. 18, 1892, p. 255, pl. XL, fig. 1, pl. XLI, figs. 1, 2
Formation: Cretaceous, Lower Green Marls
Location: New Jersey; Alabama; Mississippi; Tennessee; New Mexico
- (*Placenticer*) *placenta* Whitfield
Geol. Sur. N. J., vol. 2, 1892, p. 255, pl. XL, fig. 1, pl. XLI, figs. 1, 2
Formation: Cretaceous, Lower Green Marls
Location: New Jersey; Alabama; Mississippi; Tennessee; New Mexico
- sp. — Lundgren
Meddelelser om Grönland, vol. 19, 1895, p. 210, pl. V, fig. 31
Formation: Jurassic
Location: Kap Stewart, East Greenland
- (*Olgoceras*) *subtumidum* n. sp. Whitfield and Hovey
Bull. Amer. Mus. Nat. Hist., vol. 22, 1906, p. 400, pl. LX, figs. 3-5, pl. LXI, figs. 1, 2, pl. LXII
Formation: Jurassic
Location: Black Hills
- (*Placenticer*) *telifer* Whitfield
Geol. Sur. N. J., vol. 2, 1892, p. 257, pl. LXI, figs. 10, 11
Formation: Cretaceous
Location: New Jersey
- (*Placenticer*) *telifer* Whitfield
U. S. Geol. Sur., Mon. 18, p. 257, 1892, pl. LXI, figs. 10, 11
Formation: Cretaceous
Location: New Jersey
- *vanuxemi* Whitfield

- Geol. Sur. N. J., vol. 2, 1892, p. 253, pl. XLII, figs. 1-5
 Formation: Cretaceous, Lower Green Marls
 Location: New Jersey
- *vanuxemi* Whitfield
 U. S. Geol. Sur., Mon. 18, p. 253, 1892, pl. XLII, figs. 1-5
 Formation: Cretaceous, Lower Green Marls
 Location: Burlington County, New Jersey
- Aminicola ? cretacea* n. sp. Stanton
 U. S. Geol. Sur., Mon. 32, Pt. 2, 1899, p. 633, pl. LXXV, fig. 8
 Formation: Cretaceous, Dakota and Montana formations
 Location: Yellowstone National Park
- Amoeboceras dubium* (Hyatt) Reeside
 U. S. Geol. Sur. Prof. Paper 118, 1919, p. 38, pl. XXIV, figs. 5-8
 Formation: Jurassic, Mariposa slates
 Location: Texas ranch, Calaveras Co., Cal.
- Amphiblestrum heteropora* (Gabb) Weller
 Geol. Sur. N. J. Pal., vol. 4, p. 333, pl. XXIII, 1907, figs. 14-16
 Formation: Cretaceous, Vincentown limesand
 Location: New Jersey
- *heteropora* (Gabb and Horn) Bassler
 Maryland Geol. Sur., U. Cret., 1916, p. 740, pl. XLVI, figs. 5, 6
 Formation: Cretaceous, Rancocas
 Location: Delaware
- Ampullina* see *Natica*
- Amusium aurarium* (Meek) Hyatt
 Geol. Soc. Amer. Bull., vol. 5, 1894, p. 431, no pl.
 Formation: Jurassic
 Location: California
- Anagymnites* see *Gymnites*
- Ananchytes ovalis* (Clark) Weller
 Geol. Sur. N. J. Pal., vol. IV, 1907, p. 295, pl. XIII, figs. 1-8
 Formation: Cretaceous, Vincentown limesand
 Location: Vincentown, New Jersey
- *ovalis* Clark
 U. S. Geol. Bull. 97, 1893, p. 74, pl. XXXVI, fig. 1a-h
 Formation: Cretaceous, Yellow limestone beds
 Location: Vincentown, New Jersey
- *ovalis* (Clark) Clark and Twitchell
 U. S. Geol. Sur., Mon. 54, 1915, p. 81, pl. XXXV, figs. 1a-b
 Formation: Cretaceous, Rancocas
 Location: Vincentown, New Jersey
- *texana* (Cragin) Clark and Twitchell
 U. S. Geol. Sur., Mon. 54, 1915, p. 82, pl. XXXV, figs. 2a-e, pl. XXXVI, figs. 1a-b
 Formation: Cretaceous, Austin, Anona
 Location: Medina county, Texas; Arkansas
- *texana* n. sp. Cragin
 Texas Geol. Sur., 4th Ann. Rept., 1893, p. 145, pl. XXVI, figs. 1-2,
 pl. XXV, fig. 12
 Formation: Cretaceous, Anancacho
 Location: Texas
- Anatimya anteradiata* (Conrad) Weller
 Geol. Sur. N. J. Pal., vol. 4, 1907, p. 519, pl. LVII, fig. 12
 Formation: Cretaceous, Woodbury clay, Wenonah sand
 Location: New Jersey; Mississippi

- *lata* (Whitfield) Weller
Geol. Sur. N. J. Pal., vol. 4, 1907, p. 521, pl. LVII, fig. 13
Formation: Cretaceous, Wenonah sand
Location: New Jersey
- Anatina austiniensis* n. sp. Shattuck
U. S. Geol. Sur., Bull. 205, 1903, p. 29, pl. XVIII, figs. 1, 2
Formation: Cretaceous
Location: Austin, Texas
- *cliffwoodensis* n. sp. Weller
Geol. Sur. N. J. Pal., vol. 4, 1907, p. 517, pl. LVII, figs. 5-6
Formation: Cretaceous, Cliffwood clay
Location: New Jersey
- *coddsi* n. sp. Henderson
U. S. Nat. Mus. Proc., vol. 34, 1908, p. 262, pl. XIII, figs. 3, 4
Formation: Cretaceous, Pierre
Location: Colorado
- *jamesburgensis* n. sp. Weller
Geol. Sur. N. J. Pal., vol. 4, 1907, p. 517, pl. LVII, fig. 7
Formation: Cretaceous, Merchantville clay-marl
Location: New Jersey
- *lineata* n. sp. Stanton
U. S. Geol. Sur. Bull. 106, 1893, p. 117, pl. XXVI, figs. 3, 4
Formation: Cretaceous, Pugnellus sandstone
Location: Huerfano county, Colorado
- *lineata* (Stanton) Herrick-Johnson
Denison Univ. Sci. Lab. Bull., vol. 11, art. 9, 1900, pl. XLI,
figs. 3, 4 (no description)
Formation: Cretaceous
Location: New Mexico
- *obliquiplicata* n. sp. Cragin
U. S. Geol. Sur. Bull. 266, 1905, p. 85, pl. XVI, figs. 7, 8
Formation: Jurassic
Location: Malone, Texas
- *pliculifera* n. sp. Cragin
U. S. Geol. Sur. Bull. 266, 1905, p. 86, pl. XVI, figs. 9, 10
Formation: Jurassic
Location: Malone, Texas
- (*Cercomya*) *punctata* n. sp. Stanton
U. S. Geol. Sur., Mon. 32, pt. 2, 1899, p. 628, pl. LXXIV, fig. 5
Formation: Jurassic, Ellis
Location: Yellowstone National Park
- (*Cercomya*) *semiradiata* n. sp. Whiteaves
Can. Geol. Sur. Mesozoic Fossils, vol. 1, pt. 4, 1900, p. 288, pl.
XXXVII, fig. 4
Formation: Cretaceous
Location: East end of Maud Island; Queen Charlotte Islands
- (*Cercomya*) sp. Stanton
U. S. Geol. Sur., pt. 2, Mon. 32, 1899, p. 628, no pl.
Formation: Jurassic, Ellis
Location: Yellowstone National Park
- *subcylindracea* n. sp. Whiteaves
Can. Geol. Sur., Mesozoic Fossils, vol. 1, 1903, p. 374, pl. 45, fig. 11
Formation: Cretaceous
Location: Brennan Creek, Vancouver Island
- *subgracilis* (Whitfield) Stanton and Vaughn

- U. S. Geol. Sur. Prof. Paper 128, 1920, p. 26, pl. XXX, figs. 4a, 4b; 5a, 5b
 Formation: Cannonball
 Location: Lemmon, S. Dak.; Cedar Creek, N. Dak.
- *sulcatina* ? (Shumard) Whiteaves
 Can. Geol. Sur., Mesozoic Fossils, vol. 1, pt. 5, 1903, p. 374, no pl.
 Formation: Cretaceous
 Location: Sucia Islands
- *texana* n. sp. Cragin
 Texas Geol. Sur., 4th Ann. Rept., 1893, p. 168, pl. LI, fig. 5
 Formation: Cretaceous, Commanche Peak Limestone
 Location: Two miles above Georgetown on the San Gabriel river. Texas
- *texana* n. sp. Shattuck
 U. S. Geol. Sur., Bull. 205, 1903, p. 30, pl. XVIII, fig. 3
 Formation: Cretaceous
 Location: Austin, Texas
- *tosta* n. sp. Cragin
 Texas Geol. Sur., 4th Ann. Rep., 1893, p. 168, no pl.
 Formation: Cretaceous
 Location: Malone, Texas
- Anatomites* (Mojsisovics) Hyatt and Smith
 U. S. Geol. Sur., Prof. Paper 40, 1905, p. 47
 Formation: Triassic
- Anchura* (Conrad) Gardner
 Maryland Geol. Sur., U. Cret., 1916, p. 470, no pl.
 Formation: Cretaceous
 Location: Maryland
- *abrupta* ? Whitfield
 Geol. Sur. N. J., vol. 2, 1892, p. 113, pl. XIV, figs. 1-3
 Formation: Cretaceous, Lower Green Marls
 Location: New Jersey
- *abrupta* ? Whitfield
 U. S. Geol. Sur., Mon. 18, 1892, p. 113, pl. XIV, figs. 1-3
 Formation: Cretaceous: Lower Marls
 Location: Near Burlington, New Jersey
- *abrupta* var. *acutispira* n. var. Whitfield
 Geol. Sur. N. J., vol. 2, 1892, p. 114, pl. XIV, fig. 4
 Formation: Cretaceous, Lower Green Marls
 Location: New Jersey
- *abrupta* var. *acutispira* n. var. Whitfield
 U. S. Geol. Sur., Mon. 18, 1892, p. 114, pl. XIV, fig. 4
 Formation: Cretaceous, Lower Green Marls
 Location: New Jersey
- (*Drepanochilus*) *americana* (Evans and Shumard) Stanton and Vaughan
 U. S. Geol. Sur. Prof. Paper 128, 1920, p. 37, pl. VI, fig. 13
 Formation: Cannonball
 Location: Grand and Moreau Rivers, N. Dak.
- (*Drepanochilus*) *americana* var. *pusilla* Stanton n. var. Stanton and Vaughan
 U. S. Geol. Sur. Prof. Paper 128, 1920, p. 38, pl. VI, figs. 14-15
 Formation: Cannonball
 Location: Grand River post office S. Dak., Lemmon, S. Dak., Almont and Solen, N. Dak.

- *arenaria* (Morton) Weller
Geol. Sur. N. J. Pal., vol. 4, 1907, p. 717, pl. LXXXIII, fig. 5
Formation: Cretaceous, Navesink marl
Location: New Jersey
- *arcnaria* Whitfield
Geol. Sur. N. J., vol. 2, 1892, p. 112, pl. XIV, fig. 10
Formation: Cretaceous, Lower Green Marls
Location: New Jersey
- *arenaria* Whitfield
U. S. Geol. Sur., Mon. 18, 1892, p. 112, pl. XIV, fig. 10
Formation: Lower Marls
Location: Near Burlington, New Jersey
- *bebe* (Whitfield) (Weller) Gardner
Maryland Geol. Sur., U. Cret., 1916, p. 475, no pl.
Formation: Cretaceous, Monmouth
Location: New Jersey
- *callosa* n. sp. Whitfield
Can. Geol. Sur., Mesozoic Fossils, vol. 1, 1903, pt. 5, p. 358
Formation: Cretaceous
Location: Trent River, Vancouver Island
- (*Drepanochilus*) *compressa* n. sp. Whitfield
Geol. Sur. N. J., vol. 2, 1892, p. 117, pl. XIII, figs. 22-25
Formation: Cretaceous, Lower Green Marls
Location: New Jersey
- (*Drepanochilus*) *compressa* n. sp. Whitfield
U. S. Geol. Sur., Mon. 18, 1892, p. 117, pl. XIII, figs. 22-25
Formation: Cretaceous, Lower Green Marls
Location: New Jersey
- *condoniana* n. sp. Anderson
Cal. Acad. Sci. Proc., 3rd ser., Geol., vol. 2, 1902, No. 1, p. 76,
pl. VIII, fig. 179
Formation: Cretaceous, Lower Chico beds
Location: Phoenix, Oregon
- *kiowana* n. sp. Cragin
Colo. College Studies, 5th Ann. Pub., 1894, p. 66, no pl.
Formation: Cretaceous, Kiowa Shales
Location: Kansas
- *modesta* n. sp. Cragin
Texas Geol. Sur., 4th Ann. Rep., 1893, p. 218, no pl.
Formation: Cretaceous, Eagle Ford
Location: Whitesboro, Texas
- ? *monmouthensis* n. sp. Gardner
Maryland Geol. Sur., U. Cret., 1916, p. 476, pl. XV, figs. 2, 3
Formation: Cretaceous, Monmouth
Location: Prince George's county, Maryland
- *mudgeana* (White) Adkins
Univ. of Texas Bull., No. 1856, 1918, p. 139, pl. X, figs. 39, 40
Formation: Cretaceous, Weno
Location: Denison and Gainesville, Texas
- *pagodaformis* n. sp. Whitfield
Geol. Sur. N. J., vol. 2, 1892, p. 116, pl. XIV, figs. 15, 16
Formation: Cretaceous, Lower Green Marls
Location: New Jersey
- *pagodaformis* n. sp. Whitfield
U. S. Geol. Sur., Mon. 18, 1892, p. 116, pl. XIV, figs. 15, 16

- Formation: Cretaceous, Lower Marl Bed
Location: Monmouth county, New Jersey
- *pennata* (Morton) (Conrad) Gardner
Maryland Geol. Sur., U. Cret., 1916, p. 472, no pl.
Formation: Cretaceous, Monmouth, Selma
Location: Maryland; New Jersey; Alabama
- *pennata* (Morton) Weller
Geol. Sur. N. J. Pal., vol. 4, 1907, p. 711, pl. LXXXI, figs. 10-17
Formation: Cretaceous, Navesink marl
Location: New Jersey; Alabama
- *pennata* Whitfield
Geol. Sur. N. J., vol. 2, 1892, p. 115, pl. XIV, figs. 7, 8
Formation: Cretaceous, Lower Green Marls
Location: New Jersey
- *pennata* Whitfield
U. S. Geol. Sur., Mon. 18, 1892, p. 115, pl. XIV, figs. 7, 8
Formation: Cretaceous, Lower Green Marls
Location: Freehold, Mullica Hill, Marlborough, Cream Ridge,
New Jersey; Alabama
- ? *pergracilis* n. sp. Johnson
Phil. Acad. Nat. Sci. Proc., 1898, p. 463, fig. 2
Formation: Cretaceous
Location: New Jersey
- *pergracilis* (Johnson) Weller
Geol. Sur. N. J. Pal., vol. 4, 1907, p. 713, pl. LXXXI, figs. 18, 19
Formation: Cretaceous, Cliffwood clay, Woodbury clay
Location: New Jersey
- *pergracilis* (Johnson) Gardner
Maryland Geol. Sur., U. Cret., 1916, p. 476, no pl.
Formation: Cretaceous, Monmouth, Maryland
Location: Maryland; New Jersey
- (*Drepanochilus*) *perveta* n. sp. Stanton, Stanton and Vaughan
U. S. Geol. Sur. Prof. Paper 128, 1920, p. 38, pl. VII, figs. 1a-3b
Formation: Cannonball
Location: Kayser, Price, Mandan, N. Dak.; Morriston, S. Dak.
- (*Drepanochilus*) *perveta* var. *gracilis* n. var. Stanton, Stanton and Vaughan
U. S. Geol. Sur. Prof. Paper 128, 1920, p. 39, pl. VII, figs. 4a, b
Formation: Cannonball
Location: Kayser, Cedar Creek, N. Dak.
- *rostrata* (Gabb) (Meek) Gardner
Maryland Geol. Sur., U. Cret., 1916, p. 471, no pl.
Formation: Cretaceous, Matawan, Ripley
Location: Delaware; New Jersey; Mississippi
- (*Drepanochilus*) *ruida* (White) Herrick and Johnson
Denison Univ. Sci. Lab., vol. 11, art. 9, 1900, pl. XLIII, figs. 3, 4
(no description)
Formation: Cretaceous
Location: Near Albuquerque, New Mexico
- (*Drepanochilus*) *ruida* Stanton
U. S. Geol. Sur., Bull. 106, 1893, p. 145, pl. XXXI, figs. 3, 4
Formation: Cretaceous
Location: Utah
- *rostrata* (Gabb) Weller
Geol. Sur. N. J., Pal., vol. 4, 1907, p. 709, pl. LXXXI, figs. 7-9

- Formation: Cretaceous, Merchantville clay-marl, Woodbury clay, Wenonah sand
 Location: New Jersey; Mississippi; Texas
- *solitaria* (Whitfield) Weller
 Geol. Sur. N. J., Pal., vol. 4, 1907, p. 714, pl. LXXXI, fig. 6
 Formation: Cretaceous, Merchantville
 Location: New Jersey
- *solitaria* n. sp. Whitfield
 Geol. Sur. N. J., vol. 2, 1892, p. 117, pl. XIV, fig. 9
 Formation: Cretaceous, Lower Green Marls
 Location: New Jersey
- *solitaria* n. sp. Whitfield
 U. S. Geol. Sur., Mon. 18, 1892, p. 117, pl. XIV, fig. 9
 Formation: Lower Green Marls
 Location: Haddonfield, New Jersey
- sp. ? Johnson
 Phila. Acad. Nat. Sci. Proc., 1898, p. 463, no fig.
 Formation: Cretaceous
 Location: New Jersey
- ? *sublaevis* (M. and H.) Logan
 Kans. Univ. Geol. Sur., vol. 4, 1898, p. 508, no pl.
 Formation: Cretaceous, Fort Pierre group
 Location: Cheyenne Co., Kansas
- Ancilla* (Oliverato) n. sub. gen. Cooper
 Cal. State Min. Bureau Bull. No. 4, 1894, p. 42, no pl.
 Formation: Cretaceous
 Location: Maysville Butte, California
- (Oliverato) *California* n. sp. Cooper
 Cal. Min. Bull. No. 4, 1894, p. 43, pl. I, figs. 6-11
 Formation: Cretaceous
 Location: California
- Ancycloceras bendirei* n. sp. Adkins
 Univ. of Texas Bull., No. 1856, 1918, p. 70, pl. XI, fig. 1
 Formation: Cretaceous, Weno
 Location: Near Fort Worth, Texas
- Aniscoceras cooperi* (Gabb) sp. Whiteaves
 Can. Geol. Sur., Mesozoic Fossils, vol. 1, 1903, Pt. 5, p. 336, pl. XLIII, fig. 1
 Formation: Cretaceous
 Location: Queen Charlotte Island
- *subcompressum* (Forbes sp.) Whiteaves
 Can. Geol. Sur., Mesozoic Fossils, vol. I, 1903, pt. 5, p. 338, pl. XLV, figs. 1, 1a, 1b
 Formation: Cretaceous
 Location: Vancouver Island
- *Vancouverense* (Gabb) Whiteaves
 Can. Roy. Proc. and Trans., 2nd ser., vol. 1, sec. 4, 1895, p. 130
 Formation: Cretaceous
 Location: Hornby Island, Vancouver Island
- *Vancouverense* Whiteaves
 Can. Rec. Sci., vol. 6, 1895, p. 313
 Formation: Cretaceous
 Location: British Columbia
- Anoclitres* (Mojsisovics) Smith
 Cal. Acad. Sci. Proc., 3rd. ser., vol. 1, 1904, p. 388, no pl.

- Formation: Triassic
 — (Mojsisovics) Hyatt and Smith
 U. S. Geol. Sur. Prof. Paper 40, 1905, p. 196, no pl.
 Formation: Triassic
 Location: Nevada
- Anodonta parallela** (White) Stanton and Hatcher
 U. S. Geol. Sur., Bull. 257, 1905, p. 107, no pl.
 Formation: Cretaceous, Judith River beds
 Location: Montana
- **propatoris** (White) Stanton and Hatcher
 U. S. Geol. Sur. Bull. 257, 1905, p. 107, no pl.
 Formation: Cretaceous, Judith River beds
 Location: Montana
- Anodontopleura speciosa** (Felix) Douvillé
 Soc. Géol. France, Bull., 3rd ser., No. 28, 1900, p. 216
 Formation: Cretaceous
 Location: Mexico
- Anomalina ammonoides** (Reuss) Weller
 Geol. Sur. N. J., Pal., vol. 4, 1907, p. 261, pl. IX, figs. 26–29
 Formation: Cretaceous, Navesink marl
 Location: New Jersey
- **ammonoides** Reuss sp. Woodward and Thomas
 Minn. Geol. and Nat. Hist. Sur., Final Report, 1895, vol. 3, pt. 1,
 p. 44, pl. D, figs. 28, 29
 Formation: Cretaceous
 Location: Nebraska; Illinois
- **ammonoides** (Reuss) Bagge
 U. S. Geol. Sur., Bull. 88, 1898, p. 67, pl. VI, fig. 5
 Formation: Cretaceous, Recent
 Location: Various localities in New Jersey
- **ammonoides** (Reuss) Woodward
 New York Microscopical Soc. Journ., vol. X, No. 4, 1894, p. 137
 Formation: Cretaceous
 Location: Bruer's pits, Crosswick's Creek, Timber Creek, N. J.
- **grosserugosa** (Gümbel) Weller
 Geol. Sur. N. J., Pal., vol. 4, 1907, p. 262, pl. IV, figs. 22, 25
 Formation: Cretaceous, Vincentown limesand
 Location: New Jersey
- Anomalofusus** n. subgen. Wade—see *Fusus*
 Phila. Acad. Nat. Sci. Proc., vol. 68, 1916, p. 461
- Anomia** (Müller) Gardner
 Maryland Geol. Sur., U. Cret., 1916, p. 607, no pl.
 Formation: Cretaceous
 Location: Maryland
- **argentaria** (Morton) Gardner
 Maryland Geol. Sur., U. Cret., 1916, p. 608, pl. XXXV, figs. 1, 2
 Formation: Cretaceous, Matawan, Monmouth, Rancocas, Magothy, Peedee, Eutaw, Selma, Senonian of Mexico
 Location: Maryland; Delaware; New Jersey; North Carolina; South Carolina; Georgia; Alabama; Mississippi; Mexico
- **argentaria** (Morton) Weller
 Geol. Sur. N. J. Pal., vol. 4, 1907, p. 496, pl. LIV, figs. 11–15
 Formation: Cretaceous: Cliffwood clay, Merchantville clay-marl, Woodbury clay, Marshalltown clay-marl, Weno sand, Red Banks sand

- Location: New Jersey; North Carolina; Alabama; Mississippi; Arkansas; Texas
- **argentina** (Morton) Böse
Inst. Geol. de México, Bol. 24, 1906, p. 38, Lám. I, fig. 8
Formation: Cretaceous, Senonian inferior
Location: Near Cárdenas, Mexico
- **concentrica** (Meek) Stanton
U. S. Geol. Sur., Bull. 106, 1893, p. 67, pl. VIII, fig. 7
Formation: Cretaceous
Location: Wyoming
- **forteplicata** n. sp. Gardner
Maryland Geol. Sur., U. Cret., 1916, p. 613, pl. XXXV, figs. 7-10
Formation: Cretaceous, Monmouth
Location: Maryland
- **geniculata** n. sp. Whitney
Tex. Acad. Sci. Trans., vol. 12, 1913, p. 14, pl. II, figs. 4, 5
Formation: Cretaceous, Buda limestone
Location: Austin, Texas
- **geniculata** n. sp. Whitney
Univ. of Texas Bull. 184, 1911, p. 14, pl. II, figs. 4, 5
Formation: Cretaceous, Buda
Location: Austin, Texas
- **gryphaeiformis** n. sp. Stanton
U. S. Geol. Sur. Prof. Paper 98, 1916, p. 311, pl. LXXIX, figs. 4-6
Formation: Upper Cretaceous
Location: San Juan Basin, New Mexico
- **gryphorhynchus** (Meek) Böse
Inst. Geol. de México, Bol. 24, 1906, p. 38, Lám. I, fig. 9
Formation: Cretaceous, Lower Senonian
Location: San Luis Potosi, Mexico
- **gryphorhynchus** (Meek) Stanton and Hatcher
U. S. Geol. Sur. Bull. 257, 1905, p. 105, no pl.
Formation: Cretaceous, Judith River Beds
Location: Wyoming
- **gryphorhynchus** (Meek) Stanton
U. S. Geol. Sur. Prof. Paper 98, 1916, p. 311, pl. LXXIX, figs. 7, 8
Formation: Upper Cretaceous
Location: San Juan Basin, New Mexico
- **linensis** n. sp. Whiteaves
Can. Geol. Sur. Mesozoic Fossils, vol. 1, 1900, pt. 4, p. 301, pl. XXXIX, fig. 2
Formation: Cretaceous
Location: Queen Charlotte group
- **mexicana** n. sp. Böse
Inst. Geol. de México, Bol. 30, 1913, p. 41, Lám. V, figs. 2-4
Formation: Cretaceous, Senonian
Location: Coahuila, Mexico
- **micronema** (Meek) Böse
Inst. Geol. de México, Bol. 30, 1913, p. 40, Lám. IV, figs. 12-22
Formation: Cretaceous, Senonian
Location: Coahuila, Mexico
- **micronema** (Meek) Stanton and Hatcher
U. S. Geol. Sur. Bull. 257, 1905, p. 106, no pl.
Formation: Cretaceous
Location: Saskatchewan, Canada; Montana

- *obliqua* (M. and H.) Stanton
U. S. Geol. Sur., Bull. 106, p. 68, 1893, no pl., (no description)
Formation: Cretaceous, Niobrara Division
Location: Colorado
- *ornata* (Gabb) Gardner
Maryland Geol. Sur., U. Cret., 1916, p. 612, pl. XXXV, figs. 5, 6
Formation: Cretaceous, Monmouth, Ripley
Location: Maryland; Georgia
- *propatoris* White, Shimer and Blodgett
Amer. Jour. Sci., 4th ser., vol. 25, 1908, p. 64
Formation: Cretaceous, Fort Benton
Location: New Mexico
- *propatoris* White, Stanton
U. S. Geol. Sur., Bull. 106, 1893, p. 67, pl. VIII, fig. 10
Formation: Cretaceous, Pugnellus Sandstone
Location: Colorado
- *radiata* n. sp. Weller
Geol. Sur. N. J. Pal., p. 499, pl. LIV, figs. 16, 17
Formation: Cretaceous, Merchantville clay marl, Woodbury clay
Location: New Jersey
- *senescens* n. sp. Stanton
U. S. Geol. Sur., Bull. 133, p. 35, pl. II, 1896, fig. 2
Formation: Cretaceous, Knoxville beds
Location: Tehama county, California
- sp. Stanton
U. S. Geol. Sur. Mon. 32, pt. 2, 1899, p. 637, no pl.
Formation: Cretaceous, Montana
Location: Yellowstone National Park
- *subquadrata* n. sp. Stanton
U. S. Geol. Sur., Bull. 106, 1893, p. 66, pl. VIII, figs. 8, 9
Formation: Cretaceous, Pugnellus Sandstone
Location: Colorado
- *subtruncata* (d' Orbigny) Böse
Inst. Geol. de México, Bol. 30, 1913, p. 41, Lám. V, fig. 1
Formation: Cretaceous, Senonian (lower part)
Location: Coahuila
- *tellinoides* (Morton) Gardner
Maryland Geol. Sur., U. Cret., 1916, p. 610, pl. XXXV, figs. 3, 4
Formation: Cretaceous, Monmouth
Location: Delaware; New Jersey
- *texana* n. sp. Hill
Washington Biol. Soc. Proc., vol. 8, 1893, p. 22, pl. I, fig. 5
Formation: Cretaceous, Glen Rose
Location: Arkansas; Texas
- *vancouverensis* (Gabb) Whiteaves
Can. Geol. Sur., Mesozoic Fossils, vol. 1, pt. 5, 1903, p. 402, no pl.
Formation: Cretaceous
Location: Texada Island
- Anoplophora* cf. (?) *ephippium* (J. Böhm) Kittl
Second Norwegian Arctic Exped. in the Fram, Rept. No. 7, 1907,
p. 37, pl. III, fig. 6
Formation: Triassic
Location: Hutinsel im Bayfjord
- *Wilbrahamensis* Emerson

- Amer. Journ. Sci., 4th ser., vol. 10, 1900, p. 58, fig. 1
Formation: Triassic
Location: Wilbraham, Mass.
- Anotomites** see **Juvavites**
- Antigona** (Schumacher) Gardner
Maryland Geol. Sur., U. Cret., 1916, p. 681, no pl.
Formation: Cretaceous
Location: Maryland
- (**Aphrodina**) **tippana** (Conrad) Gardner
Maryland Geol. Sur., U. Cret., 1916, p. 681, pl. XL, figs. 3, 4
Formation: Cretaceous, Monmouth, Magothy, Ripley
Location: Maryland; New Jersey; Mississippi; Alabama; Georgia
- Aphrodina** (Conrad) Gardner see **Antigona**
Maryland Geol. Sur., U. Cret., 1916, p. 681, no pl.
Formation: Cretaceous
Location: Maryland
- Aporhais** (**Goniocheila**) **castorensis** (Whitfield) Herrick and Johnson
Denison Univ. Sci. Lab., Bull. 11, art. 9, 1900, pl. XLIII, fig. 1
(no description)
Formation: Cretaceous
Location: Albuquerque, New Mexico
- (**Goniocheila**) **castorensis** (Whitfield) Stanton
U. S. Geol. Sur., Bull. 106, 1893, p. 143, pl. XXXI, fig. 1
Formation: Cretaceous, Fort Benton group ?
Location: Black Hills of South Dakota
- (**Perisoptera** ?) **prolabiata** (White) Herrick and Johnson
Denison Univ. Sci. Lab. Bull., vol. 11, art. 9, 1900, pl. XLIII, fig. 2
(no description)
Formation: Cretaceous
Location: Albuquerque mesa, New Mexico
- (**Perisoptera** ?) **prolabiata** (White) sp. Stanton
U. S. Geol. Sur., Bull. 106, 1893, p. 144, pl. XXXI, fig. 2
Formation: Cretaceous
Location: Utah
- sp. (I) Ravn
Meddelelser om Grönland, vol. 45, 1911, p. 484
Formation: Cretaceous
Location: Danmarks Havn
- sp. (I) Ravn
Copenhagen Univ. Min. and Geol. Mus. Comm. Paleont. No. 10,
1911, p. 484
Formation: Cretaceous
Location: Danmarks Havn
- sp. (II) Ravn
Meddelelser om Grönland, vol. 45, 1911, p. 485
Formation: Cretaceous
Location: Danmarks Havn
- sp. (II) Ravn
Copenhagen Univ. Min. and Geol. Mus. Comm. Paleont. No. 10,
1903, p. 485
Formation: Cretaceous
Location: Danmarks Havn
- sp. Stanton
U. S. Geol. Sur. Bull. 133, 1895, p. 72, no pl.

- Formation: Cretaceous, Knoxville beds
 Location: Tehama County, California
- Aptychus ? knoxvillensis** n. sp. Stanton
 U. S. Geol. Sur. Bull. 133, 1895, p. 83, pl. XVIII, figs. 1, 2
 Formation: Cretaceous
 Location: Knoxville, California
- **mexicanus** n. sp. Aguilera
 Com. Geol. M  x., Bol. 1, 1895, p. 45, L  m. XXIII, fig. 8
 Formation: Jurassic
 Location: Mexico
- Araucarites Wardi Hill** (? **Porocystis pruniformis**) Rauff
 Neues Jahrb. f  r Mineralogie, I Band, 1895, pp. 1-15, woodcut.
 p. 7, pl. I
 Formation: Cretaceous, Glen Rose
 Location: Texas
- **Wardi Hill**
 Washington Biol. Soc. Proc., vol. 8, 1893, p. 39, pl. I, figs. 1, a,
 b, c, d
 Formation: Cretaceous, Glen Rose
 Location: Colorado River Section, Texas
 (Although *Araucarites* is a plant, it is here included because
 the fossil in question is, by some, supposed to be an animal.)
- Arca** (Linn  ) Gardner
 Maryland Geol. Sur., U. Cret., 1916, p. 535, no pl.
 Formation: Cretaceous
 Location: Maryland
- (**Nemodon**) **Cumshewensis** n. sp. Whiteaves
 Geol. Sur. Can., Mesozoic Fossils, vol. 1, pt. 4, 1900, p. 294, no pl.
 Formation: Cretaceous
 Location: Queen Charlotte Islands
- ? **dumbli** Cragin
 U. S. Geol. Sur., Bull. 266, 1905, p. 51, pl. VI, fig. 6
 Formation: Jurassic
 Location: Malone, Texas
- **galliennei** var. **tramitensis** n. var. Cragin
 Texas Geol. Sur., 4th Ann. Rep., 1893, p. 168, no pl.
 Formation: Cretaceous, Cross Timber sands
 Location: Texas
- **madridensis** n. sp. Johnson
 Columbia Univ. Contr. Geol. Dept., vol. X, No. 90, p. 122, pl. I,
 fig. 2
 Formation: Cretaceous, Fort Pierre
 Location: Madrid, New Mexico
- **madridensis** n. sp. Johnson
 School of Mines Quart., vol. 24, No. 2, 1903, p. 194, pl. I, fig. 2
 Formation: Cretaceous, Fort Pierre Sandstone
 Location: New Mexico
- **obesa** (Whitfield) Weller
 Geol. Sur. N. J. Pal., vol. 4, 1907, p. 409, pl. XXXIV, fig. 9
 Formation: Cretaceous, Merchantville clay-marl
 Location: New Jersey
- **obesa** ((Whitfield) Weller) Gardner
 Maryland Geol. Soc., U. Cret., 1916, p. 536, no pl.
 Formation: Cretaceous, Matawan

- Location: Maryland; New Jersey
- **quindecemradiata** (Gabb) Weller
Geol. Sur. N. J. Pal., vol. 4, 1917, p. 410, pl. XXXIV, figs. 2, 3
Formation: Cretaceous, Vincentown limesand
Location: New Jersey
- **rostellata** (Morton) Weller
Geol. Sur. N. J., Pal., vol. 4, 1907, p. 408, pl. XXXIV, figs. 4, 5
Formation: Cretaceous, Navesink marl
Location: New Jersey
- (**Barbatia**) **Saffordii** (Gabb)
Maryland Geol. Sur., U. Cret., 1916, p. 537, pl. XXI, fig. 34
Formation: Cretaceous, Matawan, Ripley, Pierre, Monmouth
Location: Maryland; New Jersey; Tennessee; Western Interior
- (**Nemodon**) **simillima** n. sp. Whiteaves
Can. Geol. Sur., Mesozoic Fossils, vol. 1, pt. 4, 1900, p. 293, no pl.
Formation: Cretaceous, Lower Shales
Location: Queen Charlotte Islands
- (**Trigonarca**) **siouxensis** (H. and M.) Cragin
Texas Geol. Sur., 4th Ann. Rep., 1893, p. 170, no pl.
Formation: Cretaceous, Upper member of Lower Cross Timber Sandstone
Location: Texas
- sp. Adkins and Winton
Univ. of Texas Bull. 1945, 1919, p. 74, pl. XIX, figs. 16-20
Formation: Cretaceous, Pawpaw
Location: North Texas
- sp. Stanton
U. S. Geol. Sur. Mon. 32, pt. 2, 1899, p. 638, no pl. (no description)
Formation: Cretaceous, Montana
Location: Yellowstone National Park
- **taffii** n. sp. Cragin
U. S. Geol. Sur. Bull. 266, 1905, p. 50, pl. VI, figs. 7, 8
Formation: Jurassic
Location: Malone, Texas
- **tahamaensis** n. sp. Stanton
U. S. Geol. Sur. Bull. 133, 1895, p. 50, pl. VI, fig. 8
Formation: Cretaceous, Knoxville beds
Location: Tehama county, California
- **textrina** n. sp. Stanton
U. S. Geol. Sur. Bull. 133, 1895, p. 50, pl. VI, fig. 6, 7
Formation: Cretaceous
Location: Tehama county, California
- **uniopsis** (Conrad) Weller
Geol. Sur. N. J. Pal., vol. 4, 1907, p. 407, pl. XXXIV, figs. 6-8
Formation: Cretaceous, Merchantville clay-marl ?; Navesink marl, Atlantic highlands
Location: New Jersey
- **vancouverensis** (Meek) Whiteaves
Can. Geol. Sur., Mesozoic Fossils, vol. 1, pt. 5, 1903, p. 392, no pl.
Formation: Cretaceous
Location: Nanaimo, Vancouver Island
- **vancouverensis** (Meek) Arnold
U. S. Nat. Mus. Proc., vol. 34, 1908, pl. XXXI, fig. 6
Formation: Cretaceous, Knoxville and Chico
Location: California

- (*Barbatia*) *vandí* n. sp. Gardner
Maryland Geol. Sur., U. Cret., 1916, p. 539, pl. XXI, figs. 5, 6
Formation: Cretaceous, Matawan
Location: Maryland
- *washitaensis* n. sp. A dkins
Univ. of Texas Bull. No. 1856, 1918, p. 121, pl. X, fig. 5
Formation: Cretaceous, Pawpaw, Grayson and Denton
Formation: Fort Worth, Texas
- Arcestes andersoni* Hyatt and Smith
U. S. Geol. Sur. Prof. Paper 40, 1905, p. 74, pl. LVI, figs. 1-9
Formation: Triassic
Location: Nevada
- (*Proarcestes*) *gabbi* (Meek) Smith
U. S. Geol. Sur. Prof. Paper 83, 1914, p. 43, pl. XIV, figs. 6a, 6b, pl. XXI, figs. 1, 2, pl. XLVIII, figs. 1-3, pl. XCIII, figs. 19, 20
Formation: Triassic
Location: Humboldt range, Nevada
- (*Proarcestes*) *hartzelli* n. sp. Smith
U. S. Geol. Sur. Prof. Paper 83, 1914, p. 43, pl. XCIII, figs. 17, 18
Formation: Triassic
Location: Humboldt range, Nevada
- (*Proarcestes*) *nevadanus* (Hyatt) Smith
U. S. Geol. Sur. Prof. Paper 83, 1914, p. 44, pl. V, figs. 5-7
Formation: Triassic, Upper Muschelkalk
Location: Volcano, Nevada
- (*Proarcestes*) *quadrilabiatus* (Hauer) Smith
U. S. Geol. Sur. Prof. Paper 40, 1905, p. 73, no pl.
Formation: Triassic
- (*Proarcestes*) *pacificus* n. sp. Hyatt and Smith
U. S. Geol. Sur. Prof. Paper 40, 1905, p. 75, pl. LXXXI, figs. 1-9, pl. XXXVII, figs. 1-9
Formation: Triassic
Location: Shasta Co., California
- Arcestidae* (Mojsisovics) Hyatt and Smith
U. S. Geol. Sur. Prof. Paper 40, 1905, p. 73, no pl.
Formation: Triassic
- Arcestoidea* Hyatt and Smith
U. S. Geol. Sur. Prof. Paper 40, 1905, p. 70, no pl.
Formation: Triassic
- Archaeopus* n. gen. Rathbun
U. S. Nat. Mus. Proc., vol. 35, 1908, p. 346
- *antenatus* n. sp. Rathbun
U. S. Nat. Mus. Proc., vol. 35, 1908, p. 347
Formation: Cretaceous, Chico
Location: Bolsa Point, San Mateo Co., California
- Architectonica annosa* Whitfield
U. S. Geol. Sur. Mon. 18, 1892, p. 228, pl. XXXIV, figs. 23-27
Formation: Cretaceous, Upper Green Marls
Location: New Jersey
- Arcopagia* (Brown) Gardner See *Tellina*
Maryland Geol. Sur., U. Cret., 1916, p. 692, no pl.
Formation: Cretaceous
Location: Maryland
- Arnioceras nevadanum* Hyatt
Geol. Soc. Amer. Bull., vol. 5, 1894, p. 417, no pl.

- Formation: Jurassic
Location: Nevada
- Arpadites** (Mojsisovics) Hyatt and Smith
U. S. Geol. Sur. Prof. Paper 40, 1905, p. 174, no pl.
Formation: Triassic
- **gabbi** (Hyatt and Smith) Smith
Leland Stan. Jr. Univ. Pub. 1914, pl. VII, figs. 1-10
Formation: Triassic
Location: California
- **gabbi** n. sp. Hyatt and Smith
U. S. Geol. Sur. Prof. Paper 40, 1905, p. 175, pl. XXXIX, fig. 1-17, pl. LXXXIII, figs. 1-13
Formation: Triassic
Location: Shasta Co., California
- Arctica compacta** (White) Whitney
Tex. Acad. Sci. Trans., vol. 12, 1913, p. 17, pl. 7, figs. 1-
Formation: Cretaceous, Buda Limestone
Location: Austin, Texas
- **compacta** (White) Whitney
Univ. of Texas Bull. 184, 1911, p. 17, pl. 7, figs. 1-3
Formation: Cretaceous, Buda
Location: Austin, Texas
- **ovata** (Meek and Hayden) Stanton and Vaughan
U. S. Geol. Sur. Prof. Paper 128, 1920, p. 27, pl. IV, figs. 4, 6a, b
Formation: Cretaceous, Cannonball
Location: Mandan, N. Dak.
- Asaphis multicostata** (Gabb) Whiteaves
Can. Geol. Sur. Mesozoic Fossils, vol. 1, pt. 5, 1903, p. 377, no p
Formation: Cretaceous
Location: Socia Islands
- **multicosta** (Gabb) Merriam
Univ. Cal. Bull. Geol., vol. 2, 1901, p. 283, no pl.
Formation: Cretaceous
Location: John Day Basin, Oregon
- Aspenites** n. gen. Hyatt and Smith
U. S. Geol. Survey Prof. Paper 40, 1905, p. 95, no pl.
Formation: Triassic
- **acutus** (Hyatt and Smith) Smith
Leland Stanford Jr. Univ. Pub. 1914, pl. IX, figs. 1-4
Formation: Lower Triassic
Location: Idaho
- **acutus** n. sp. Hyatt and Smith
U. S. Geol. Sur. Prof. Paper 40, 1906, p. 96, pl. II, figs. 9-13, pl. III, figs. 1-5
Formation: Triassic
Location: California, Idaho
- Aspidites** (Waagen) Hyatt and Smith
U. S. Geol. Sur. Prof. Paper 40, 1905, p. 152, no pl.
Formation: Triassic
- **hooveri** n. sp. Hyatt and Smith
U. S. Geol. Sur. Prof. Paper 40, 1905, p. 153, pl. XVII, figs. 1-12
Formation: Triassic
Location: California
- Aspidoceras** (Zittel) Roig

- Secretaria de Agr., Comercio y Trabajo Bol. Especial, Habana, 1920, p. 28
 Formation: Jurassic
- Aspidoceras** cfr. **Acanthicum** Oppel sp. Burckhardt
 Inst. Geol. de México, Bol. 23, 1906, p. 29, Lám., VII, figs. 1-14
 Formation: Jurassic, Kimmeridgian
 Location: Mazapil, Mexico
- **alamitocensis** n. sp. Aguilera
 Com. Geol. de México, Bol. 1, 1895, p. 43, Lám. XXII, fig. 6, Lám. XXIII
 Formation: Jurassic
 Location: Mexico
- **alamitocensis** (C. & A.) Cragin
 U. S. Geol. Sur. Bull. 266, 1905, p. 109, pl. XXVII, fig. 2
 Formation: Jurassic
 Location: Malone, Texas
- **Americanum** n. sp. Burckhardt
 Inst. Geol. de México, Bol. 29, 1912, p. 82, Lám. XX, figs. 1, 3, 5, 7, 8
 Formation: Jurassic, Kimmeridgian
 Location: San Pedro del Gallo, Durango
- **Avellanoides** (Uhlig) Burckhardt
 Inst. Geol. de México, Bol. 23, 1906, p. 102, Lám. XXVI, figs. 12-16
 Formation: Jurassic, Kimmeridgian
 Location: Mazapil, Mexico
- **bispinosoides** n. sp. Burckhardt
 Inst. Geol. de México, Bol. 29, 1912, p. 71, Lám. XVI, figs. 8-10
 Formation: Jurassic, Kimmeridgian
 Location: San Pedro del Gallo, Durango
- **bispinosum** (Quenstedt) sp. Burckhardt
 Inst. Geol. de México, Bol. 23, 1906, p. 34, Lám. V, figs. 5-8
 Formation: Jurassic, Kimmeridgian
 Location: Mazapil, Mexico
- **aff. bispinosum** (Quenstedt) Burckhardt
 Inst. Geol. de México, Bol. 29, 1912, p. 69, Lám. XVI, figs. 1-6
 Formation: Jurassic, Kimmeridgian
 Location: San Pedro del Gallo, Durango
- **cajense** n. sp. Burckhardt
 Inst. Geol. de México, Bol. 23, 1906, p. 123, Lám. XXXIII, figs. 5-8
 Formation: Jurassic, Portlandian
 Location: Mazapil, Mexico
- **constrictum** n. sp. Burckhardt
 Inst. Geol. de México, Bol. 29, 1912, p. 76, Lám. XVIII, figs. 10, 12-15
 Formation: Jurassic, Kimmeridgian
 Location: San Pedro del Gallo, Durango
- **contemporaneum** (Favre) Burckhardt
 Inst. Geol. de México, Bol. 23, 1906, p. 32, Lám. V, figs. 1-4
 Formation: Jurassic, Kimmeridgian
 Location: Mazapil, Mexico
- **cyclotum** (Stener) Burckhardt
 Inst. Geol. de México, Bol. 23, 1906, p. 119, Lám. XXXII, figs. 3-6
 Formation: Jurassic, Portlandian
 Location: Mazapil, Mexico
- **durangense** n. sp. Burckhardt

- Inst. Geol. de México, Bol. 29, 1912, p. 75, Lám. XVIII, figs. 5-9, 11, 16
Formation: Jurassic, Kimmeridgian
Location: San Pedro del Gallo, Durango
- *euomphaloides* n. sp. Burckhardt
Inst. Geol. de México, Bol. 23, 1906, p. 37, Lám. VI, figs. 5-8
Formation: Jurassic, Kimmeridgian
Location: Mazapil, Mexico
- *fallax* n. sp. Burckhardt
Inst. Geol. de México, Bol. 23, 1906, p. 121, Lám. XXXII, figs. 7-11
Formation: Jurassic, Portlandian
Location: Mazapil, Mexico
- *cfr. inflatum binodum* (Quenstedt) sp. Burckhardt
Inst. Geol. de México, Bol. 23, 1906, p. 69, Lám. XXVI, figs. 8-11
Formation: Jurassic, Kimmeridgian
Location: Mazapil, Mexico
- *juv. sp. indt.* Burckhardt
Inst. Geol. de México, Bol. 33, 1919, p. 14, Lám. IV, figs. 1, 2, 4, 5, 9 and 10
Formation: Jurassic
Location: Cañon del Toboso, Mexico
- *laevigatum* n. sp. Burckhardt
Inst. Geol. de México, Bol. 29, 1912, p. 81, Lám. XX, figs. 2, 4, 9
Formation: Jurassic, Kimmeridgian
Location: San Pedro del Gallo, Durango
- Aspidoceras aff. laevigatum* (Burckhardt) Roig
Secretaría de Agr., Comercio y Trabajo Bol. Especial, Habana, 1920, p. 29, pl. XIII, fig. 2
Formation: Jurassic, Kimmeridgian
Location: Laguna de Piedra, Viñales, Cuba
- *aff. longispinum* (Sowerby) Burckhardt
Inst. Geol. de México, Bol. 29, 1912, p. 73, Lám. XVI, fig. 7; Lám. XVII, figs. 5-9; Lám. XVIII, figs. 1-4
Formation: Jurassic, Kimmeridgian
Location: San Pedro del Gallo, Durango
- *mazapilense* n. sp. Burckhardt
Inst. Geol. de México, Bol. 23, 1906, p. 35, Lám. 8, figs. 13-17
Formation: Jurassic, Kimmeridgian
Location: Mazapil, Mexico
- *neohispanicum* n. sp. Burckhardt
Inst. Geol. de México, Bol. 29, 1912, p. 72, Lám. XVII, figs. 1-4
Formation: Jurassic, Kimmeridgian
Location: San Pedro del Gallo, Durango
- *o'connelli* n. sp. Roig
Revista de Agr., Comercio y Trabajo, año 2, No. 12, 1919, p. 591, fig. 7
Formation: Jurassic
Location: Viñales, Cuba
- *o'connelli* n. sp. Roig
Secretaría de Agr., Comercio y Trabajo, Bol. Especial, Habana, 1920, p. 30, pl. XIII, figs. 1, 1a
Formation: Jurassic
Location: Puerta del Ancón, Viñales, Cuba
- *pavlowi* n. sp. Burckhardt
Inst. Geol. de México, Bol. 29, 1912, p. 77, Lám. XIX, figs. 1-3, 5, 9

- Formation: Jurassic, Kimmeridgian
 Location: San Pedro del Gallo, Durango
- **phosphoricum** n. sp. Burckhardt
 Inst. Geol. de México, Bol. 23, 1906, p. 122, Lám. XXXIII, figs. 1-4
 Formation: Jurassic, Portlandian
 Location: Mazapil, Mexico
- **juv. sp. indt. du groupe de l'Aspidoceras**
Perarmutum (Sowerby) Burckhardt
 Inst. Geol. de México, Bol. 29, 1912, p. 38, Lám. VII, figs. 18-22
 Formation: Jurassic, Oxfordian
 Location: Cerro del Volcán, Durango
- **pseudomicroplum** n. sp. Burckhardt
 Inst. Geol. de México, Bol. 29, 1912, p. 79, Lám. XIX, figs. 4, 6-8, 10
 Formation: Jurassic, Kimmeridgian
 Location: San Pedro del Gallo, Durango
- **quemadense** n. sp. Burckhardt
 Inst. Geol. de México, Bol. 23, 1906, p. 31, Lám. VI, figs. 1-4
 Formation: Jurassic, Kimmeridgian
 Location: Mazapil, Mexico
- **sp. Roig**
 Secretaria de Agr. Comercio y Trabajo, Bol. Especial, Habana, Cuba, 1920, p. 30, pl. XII, fig. 2
 Formation: Jurassic
 Location: Viñales, Cuba
- **Wuertenbergeri** n. sp. Burckhardt
 Inst. Geol. de México, Bol. 33, 1919, p. 12, Lám. IV, figs. 3, 6-8
 Formation: Jurassic
 Location: Cañon del Toboso, Mexico
- **zacatecanum** n. sp. Burckhardt
 Inst. Geol. de México, Bol. 23, 1906, p. 124, Lám. XXXIII, figs. 9-12
 Formation: Jurassic, Portlandian
 Location: Mazapil, Mexico
- Aspiduca (?) idahoensis**, Clark, n. sp. Clark and Twitchell
 U. S. Geol. Sur. Mon. 54, 1915, p. 23, pl. 1, fig. 4
 Formation: Triassic
 Location: Bear County, Idaho
- Astandes** n. gen. Wade
 Phila. Acad. Nat. Sci. Proc., Vol. 69, 1917, p. 298
- **densatus** n. sp. Wade
 Phila. Acad. Nat. Sci. Proc., vol. 69, 1917, p. 299, pl. XVII, figs. 7, 8
 Formation: Upper Cretaceous, Ripley
 Location: Coon Creek, McNairy Co., Tenn.
- Astarte alta** n. sp. Ravn
 Copenhagen Univ. Min. and Geol. Mus. Com. Paleont. No. 10, 1911, p. 473, pl. XXXIV, fig. 2
 Formation: Jurassic
 Location: "Kloft I" Store Koldewey Island
- Astarte (?) (Stearnsia) acuminata** n. sp. Cragin
 Texas Geol. Sur. 4th Ann. Rept., 1893, p. 171, pl. XLI, fig. 2
 Formation: Cretaceous
 Location: Fort Worth, Texas
- **alta** n. sp. Ravn

- Meddelelser om Grönland, vol. 45, 1911, p. 473, pl. XXXIV, fig. 2
 Formation: Jurassic
 Location: "Kloft I" Store Koldewey Island
- *alta* n. sp. Ravn
 Copenhagen Univ. Min. and Geol. Mus. Comm. Paleont. No. 10, 1911, n. 473, pl. XXXIV, fig. 2
 Formation: Jurassic
 Location: "Kloft I" Store Koldewey Island
- ? *amygdaloides* n. sp. Lundgren
 Meddelelser om Grönland, vol. 19, 1895, p. 206, pl. IV, fig. 23
 Formation: Jurassic
 Location: Kap Stewart Island, east Greenland
- *Bayi* n. sp. Lundgren
 Meddelelser om Grönland, vol. 19, 1911, p. 204, pl. IV, fig. 22
 Formation: Jurassic
 Location: Kap Stewart Island, east Greenland
- *Bayi* (Lundgren) Madsen
 Meddelelser om Grönland, vol. 29, 1903, p. 181, pl. VI, fig. 13
 Formation: Jurassic
 Location: Vardekloft, Greenland
- *breviacola* n. sp. Cragin
 U. S. Geol. Sur., Bull. 266, 1905, p. 64, pl. XI, fig. 4
 Formation: Jurassic
 Location: Malone, Texas
- *californica* n. sp. Stanton
 U. S. Geol. Sur. Bull. 133, 1895, p. 57, pl. VI, figs. 19-21
 Formation: Cretaceous, Upper Knoxville beds
 Location: California
- *Carlottensis* Whiteaves
 Can. Geol. Sur. Mesozoic Fossils, vol. 1, pt. 4, p. 292, 1900, no pl.
 Formation: Cretaceous, Lower Shales
 Location: Alliford Bay
- *corrugata* n. sp. Stanton
 U. S. Geol. Sur. Bull. 133, 1895, p. 56, pl. VI, fig. 16
 Formation: Cretaceous, Knoxville beds
 Location: Paskenta, California
- *craticula* n. sp. Cragin
 U. S. Geol. Sur. Bull. 266, 1905, p. 68, pl. XI, fig. 7
 Formation: Jurassic
 Location: Malone, Texas
- *dacotensis* n. sp. Whitfield and Hovey
 Bull. Amer. Mus. Nat. Hist., Vol. 22, 1906, p. 394, pl. XLV, figs. 5-7, pl. XLVI
 Formation: Jurassic
 Location: Black Hills
- *evansi* H & M, Whitfield, Shimer and Blodgett
 Amer. Jour. Sci., 4th ser., vol. 25, 1908, p. 63
 Formation: Cretaceous, Fort Benton
 Location: New Mexico
- *evansi* H & M (Whitfield) Johnson
 School of Mines Quart., vol. 24, 1903, No. 2, p. 195, pl. V, figs. 24, a, b, c
 Formation: Cretaceous, Fort Pierre
 Location: Santa Rosa Mt., New Mexico

- **evansi** (H & M) (Whitfield) Johnson
Columbia Univ. Cont. Geol. Dept. Vol. X, No. 90, 1903, p. 123,
pl. V, fig. 24, a, b, c
Formation: Cretaceous, Fort Pierre
Location: Santa Rosa Mt., New Mexico
- **Hartzi** (Lundgren) Madsen
Meddelelser om Grönland, vol. 19, 1895, p. 205, pl. IV, fig. 24
Formation: Jurassic
Location: Kap Stewart Island, Greenland
- **Hartzi** (Lundgren) Madsen
Meddelelser om Grönland, vol. 29, 1903, p. 181, pl. VI, fig. 12
Formation: Jurassic
Location: Vardekløft, Greenland
- **? isodontoides** n. sp. Cragin
U. S. Geol. Sur. Bull. 266, 1905, p. 67, pl. XI, figs. 8, 9
Formation: Jurassic
Location: Malone, Texas
- **malonensis** Cragin
U. S. Geol. Sur. Bull. 266, 1905, p. 65, pl. XI, figs. 10, 11; pl. XII,
figs. 1-3
Formation: Jurassic
Location: Malone, Texas
- **meeki** n. sp. Stanton
U. S. Geol. Sur. Mon. 32, pt. 2, 1899, p. 620, pl. LXXIII, figs. 3-5
Formation: Jurassic, Ellis formation
Location: Yellowstone National Park
- **minima** (Phillips) Ravn
Meddelelser om Grönland, vol. 45, 1911, p. 472
Formation: Jurassic
Location: "Kloft I," "4 Saenkning," Store Koldewey Island
- **minima** (Phillips) Ravn
Copenhagen Univ. Min. and Geol. Mus. Comm. Paleont. No. 10,
1911, p. 472
Formation: Jurassic
Location: "Kloft I," "4 Saenkning," Store Koldewey Island
- **packardi** White, Logan
Kans. Univ. Quart., vol. 9, 1900, p. 127, pl. XXVII, figs. 13, 14
Formation: Jurassic
Location: Wyoming
- **posticalva** n. sp. Cragin
U. S. Geol. Sur., Bull. 266, 1905, p. 67, pl. XI, figs. 5, 6
Formation: Jurassic
Location: Malone, Texas
- **retrotracta** (Rouillier) Ravn
Meddelelser om Grönland vol. 45, 1911, p. 473
Formation: Jurassic
Location: "4 Saenkning," Store Koldewey Island, Greenland
- **retrotracta** (Rouillier) Ravn
Copenhagen Univ. Min. and Geol. Mus. Comm. Paleont. No. 10,
1911, p. 473
Formation: Jurassic
Location: "4 Saenkning," "Store Koldewey" Island, Greenland
- **semidentata** n. sp. Cooper
Cal. Mining Bull. 4, 1894, p. 48, pl. III, figs 44, 45

- Formation: Cretaceous
Location: Rose Cañon, California
- sp. cf. *elegans* (Sowerby) Madsen
Meddelelser om Grönland, vol. 29, 1903, p. 182, pl. VI, figs. 14, 15
Formation: Jurassic
Location: Mount Nathorst, Greenland
- sp. cf. *Saemanni* (de Loriol) Madsen
Meddelelser om Grönland vol. 29, 1903, p. 183, pl. VI, fig. 16
Formation: Jurassic
Location: Aucella River, Jameson's Land
- sp. Stanton
U. S. Geol. Surv. Mon. 32, pt. 2, 1899, p. 620, no pl.
Formation: Jurassic, Ellis formation
Location: Yellowstone National Park
- *striato-costata* (Münster) Ravn—
Meddelelser om Grönland vol. 45, 1911, p. 471, pl. XXXIII fig. 11
Formation: Jurassic
Location: "Kloft I" Store Koldewey Island, Greenland
- *striato-costata* Münstr. Ravn
Copenhagen Univ. Min. and Geol. Mus. Comm. Paleont. No. 10,
1911, p. 471, pl. XXXIII, fig. 11.
Formation: Jurassic
Location: "Kloft I" Store Koldewey Island
- *trapezoidalis* Stanton
U. S. Geol., Bull. 133, 1895, p. 57, pl. VI, figs. 17, 18
Formation: Cretaceous, Knoxville beds
Location: Nehama county, California
- *veta* (Conrad) Weller
Geol. Sur. N. J. Pal., vol. 4, 1897, p. 549, pl. LX. fig. 3
Formation: Cretaceous, Raritan clay
Location: New Jersey
- *Wandeli* n. sp. Lundgren
Meddelelser om Grönland, vol. 19, 1895, p. 204, pl. IV, figs. 21,
a, b, c,
Formation: Jurassic
Location: Kap Stewart, East Greenland
- Asteria**—See *Olcostephanus*
- *Astieria* cfr. *Artherstoni* (Sharpe) Burckhardt
Inst. Geol. de México, Bol. 23, 1906, p. 185, Lám. XL, figs. 2, 3
Formation: Cretaceous
Location: Mazapil, Mexico
- aff. *psilostoma* (Neumayr et Uhlig) Burckhardt
Inst. Geol. de México, Bol. 23, 1906, p. 183, Lám. XL, fig. 1
Formation: Cretaceous
Location: Mazapil, Mexico
- *Asterias* (?) *dubium* (Whitfield) Clark
U. S. Geol. Sur. Bull. 97, 1893, p. 31, pl. V, fig. 2
Formation: Jurassic
Location: Black Hills, Dakota
- *dubium* (Whitfield) Logan
Kans. Univ. Quart., vol. 9, 1900, p. 130, pl. XXV, fig. 3
Formation: Jurassic
Location: Wyoming
- (?) *dubium* (Whitfield) Clark and Twitchell

- U. S. Geol. Sur., Mon. 54, 1915, p. 28, pl. III, fig. 6
 Formation: Jurassic
 Location: Black Hills, South Dakota; Wyoming
- Astrocaenia conica** n. sp. Logan
 Field Col. Mus. Geol. ser., vol. 1, No. 6, 1899, p. 215, pl. XXVI,
 figs. 1-3
 Formation: Cretaceous, Benton
 Location: Kansas
- **irregularis**, Whiteaves
 Can. Geol. Sur., Mesozoic Fossils, vol. 1, pt. 4, 1900, p. 304, no pl.
 Formation: Cretaceous, Lower Shales
 Location: Maud Island
- **maloniana** n. sp. (Vaughan) Cragin
 U. S. Geol. Sur., Bull. 266, 1905, p. 34, pl. II, figs. 1-3
 Formation: Jurassic
 Location: Malone, Texas
- **nidiformis** n. sp. Cragin
 Colo. Coll. Studies, 5th Ann. Pub., 1894, p. 50, no pl.
 Formation: Cretaceous, Kiowa Shales
 Location: Kansas
- Astropecten ? montanus** n. sp. Douglass
 Carnegie Mus. Annual vol. 2, 1903, p. 6, fig. 1
 Formation: Cretaceous, Fort Benton
 Location: Montana
- **? montanus** (Douglass) Clark and Twitchell
 U. S. Geol. Sur., Mon. 54, 1915, p. 41, pl. VII, fig. 6
 Formation: Cretaceous, Colorado Shales
 Location: Montana
- Ataphrus pambertoni** n. sp. Hall and Ambrose
 Nautilus vol. 30, No. 6, 1916, p. 70
 Formation: Cretaceous, Chico
 Location: Jordan Ranch Arroyo del Valle, Alameda Co., Cal.
- Ataxioceras** (Gümbel) Hyatt and Smith
 U. S. Geol. Sur., Prof. Paper 40, 1905, p. 204, no pl.
 Formation: Triassic
 Location: California
- **virgulatus** (Quenstedt) O'Connell
 Amer. Mus. Nat. Hist. Bull. 42, 1920, p. 689, pl. XXXVIII, figs.
 4, 5
 Formation: Jurassic, Oxfordian
 Location: Viñales Pinar del Rio, Cuba
- **virgulatus** (Quenstedt) Roig
 Revista Agricultura Comerico Trabajo, año 2, No. 12, 1919, p.
 588, fig. 1, no description
 Formation: Jurassic
 Location: Viñales, Cuba
- **virgulatus** (Quenstedt) Roig
 Secretaria de Agr. Comercio y Trabajo Bol. Especial, Habana,
 Cuba, 1920, p. 23, pl. VIII, figs. 1-5a
 Formation: Jurassic, Oxfordian
 Location: Puerta del Ancón, Lajuna de Piedra, Cuchillas de
 José Rivera
- **virgulatus** (Quenstedt) var. **planus** Roig
 Secretaria de Agricultura Comercio y Trabajo Bol. Especial,

- Habana, Cuba, 1920, p. 25, pl. VIII, fig. 4
Formation: Jurassic-Oxfordian
Location: Puerta del Ancón, Viñales
- Atractites hockhi** (Stürzenbaum) Smith
U. S. Geol. Sur., Prof. Paper 83, 1914, p. 138, pl. XCIV, figs. 20, 21
Formation: Triassic
Location: Nevada
- **burckhardti** n. sp. Smith
U. S. Geol. Sur., Prof. Paper 83, 1914, p. 138, pl. XCVI, figs. 6, 7
Formation: Triassic
Location: Nevada
- **clavatus** n. sp. Smith
U. S. Geol. Sur., Prof. Paper 83, 1914, p. 139, pl. XCVI, figs. 11, 14
Formation: Triassic
Location: Nevada
- **elegans** n. sp. Smith
U. S. Geol. Sur., Prof. Paper 83, 1914, p. 139, pl. XCVI, fig. 10.
Formation: Triassic
Location: Nevada
- **nevadensis** (Meek) Smith
U. S. Geol. Sur., Prof. Paper 83, 1914, p. 139, pl. XCVI, figs. 8, 9
Formation: Triassic
Location: Nevada
- **philippii** n. sp. Hyatt and Smith
U. S. Geol. Sur., Prof. Paper 40, 1905, p. 205, pl. XLVIII, figs. 1-3
Formation: Triassic
Location: Shasta county, California
- **solidus** Smith n. sp.
U. S. Geol. Sur., Prof. Paper 83, 1914, p. 140, pl. XCVI, figs. 1-5
Formation: Triassic
Location: Humboldt range, Nevada
- Atresius liratus** (Gabb) Stanton
U. S. Geol. Sur., Bull. 133, 1895, p. 68, pl. XI, fig. 6
Formation: Cretaceous, Knoxville beds
Location: California
- Aturia matthewsoni** (Gabb) Stanton
U. S. Geol. Sur., 17th Ann. Rept., pt. 1, 1896, p. 1030, no pl.
Formation: Cretaceous, Tertiary transition, Chico and Tejon
Location: California
- Aucella aviculaeformis** Hyatt
Geol. Soc. Amer. Bull., vol. 5, 1894, p. 433, no pl.
Formation: Jurassic
Location: California
- **Bronni** (Lahusen) Ravn
Meddelelser om Grønland, vol. 45, 1911, p. 455, pl. XXXII, fig. 5
Formation: Jurassic
Location: "Kloft I," "Kloft II" and "4 Saenkning" on Store Koldewey Island, Greenland
- **Bronni** (Lahusen) Ravn
Copenhagen Univ. Min. and Geol. Mus. Comm. Paleont. No. 10, 1911, p. 455, pl. XXXII, fig. 5
Formation: Jurassic
Location: "Kloft I" and Kloft II" "4 Saenkning" Store Koldewey Island, Greenland
- **concentrica** (Fischer) Ravn

- Meddelelser om Grönland vol. 45, 1911, p. 461, pl. XXXII, figs. 9, 10
 Formation: Cretaceous
 Location: Store Koldewey Island, Greenland
- *concentrica* Fischer sp. (non Keyserling; non Eichwald) Ravn
 Copenhagen Univ. Min. and Geol. Mus. Comm. Paleont. No. 10,
 1911, p. 461, pl. XXXII, figs. 9, 10
 Formation: Cretaceous
 Location: Store Koldewey Island, Greenland
- *crassicollis* (Keyserling) Stanton Whiteaves
 Geol. Sur. Can., Mesozoic Fossils, 1900, vol. 1, pt. 4, p. 297, no pl.
 Formation: Cretaceous
 Location: Queen Charlotte Islands
- *crassicollis* Keyserling Stanton
 U. S. Geol. Sur., Bull. 133, 1896, p. 45, pl. V, figs. 1-13; pl. VI,
 figs. 1-5
 Formation: Cretaceous, Knoxville beds
 Location: California
- *crassicollis* (Keyserling) Ravn
 Meddelelser om Grönland, vol. 45, 1911, p. 459, pl. XXXII, fig. 8
 Formation: Cretaceous
 Location: Store Koldewey Island; Kuhn Island, Greenland
- *crassicollis* (Keyserling) Ravn
 Copenhagen Univ. Min. and Geol. Mus. Comm. Paleont. No. 10,
 1911, p. 459, pl. XXXII, fig. 8
 Formation: Cretaceous
 Location: Store Koldewey Island, Greenland
- *crassicollis* (Keyserling) Arnold
 U. S. Nat. Mus. Proc., vol. 34, 1908, pl. 31, fig. 1
 Formation: Cretaceous, Knoxville formation
 Location: California
- *elongata* n. sp. Hyatt
 Geol. Soc. Amer. Bull., vol. 5, 1894, p. 431, no pl.
 Formation: Jurassic
 Location: California
- *erringtoni* var. *arcuata* Hyatt
 Geol. Soc. Amer. Bull., vol. 5, 1894, p. 430, no pl.
 Formation: Jurassic
 Location: California
- *Kirghisensis* (Sokolow) Ravn
 Meddelelser om Grönland, vol. 45, 1911, p. 455, pl. XXXII, fig. 2
 Formation: Jurassic
 Location: "Kloft I" Store Koldewey Island, Greenland
- *Kirghisensis* (Sokolow) Ravn
 Copenhagen Univ. Min. and Geol. Mus. Comm. Paleont. No. 10,
 1911, p. 455, pl. XXXII, fig. 2
 Formation: Jurassic
 Location: "Kloft I" Store Koldewey Island, Greenland
- *mosquensis* (von Buch) Ravn
 Meddelelser om Grönland, vol. 45, 1911, p. 457, pl. XXXII, fig. 6
 Formation: Jurassic
 Location: Danmarks Havn, Store Koldewey, Greenland
- *mosquensis* (von Buch) (von Keyserling, non Lahusen) Ravn
 Copenhagen Univ. Min. and Geol. Mus. Comm. Paleont. No. 10,
 1911, p. 457, pl. XXXII, fig. 6
 Formation: Jurassic

- Location: Harefjaeld, "Kloft I" Store Koldewey Island
 — **orbicularis** Hyatt
 Geol. Soc. Amer. Bull., vol. 5, 1894, p. 434, no pl.
 Formation: Jurassic
 Location: California
- **piochii** (Gabb) Stanton
 U. S. Geol. Sur. Bull. 133, 1895, p. 42, pl. IV, figs. 2-14
 Formation: Cretaceous, Knoxville beds
 Location: California
- **aff. Pallasi** (Keys) Roig
 Secretaria de Agr. Comercio y Trabajo, Bol. Especial, Habana, Cuba, 1920, p. 47
 Formation: Jurassic-Kimmeridgian
 Location: Viñales
- **piriformis** Lahusen (emend-Pavlow) Ravn
 Meddelelser om Grönland, vol. 45, 1911, p. 460, pl. XXXII, figs. 11, 12
 Formation: Cretaceous
 Location: Store Koldewey Island, Greenland
- **piriformis** Lahusen (emend-Pavlow) Ravn
 Copenhagen Univ. Min. and Geol. Mus. Comm. Paleont. No. 10, 1911, p. 460, pl. XXXII, figs. 11, 12
 Formation: Cretaceous
 Location: Store Koldewey Island
- **cf. reticulata** (Lundgren) Ravn
 Meddelelser om Grönland, vol. 45, 1911, p. 456, pl. XXXII, fig. 4
 Formation: Jurassic
 Location: Vesterdalen at Danmarks Havn, Greenland
- **cf. reticulata** (Lundgren) Ravn
 Copenhagen Univ. Min. and Geol. Mus. Comm. Paleont. No. 10, 1911, p. 456, pl. XXXII, fig. 4
 Formation: Jurassic
 Location: Vesterdalen Danmarks Havn, Greenland
- **Sinzovi** (Pavlow) Ravn
 Meddelelser om Grönland, vol. 45, 1911, p. 456, pl. XXXII, fig. 3
 Formation: Jurassic
 Location: Store Koldewey Island, Greenland
- **Sinzovi** (A. P. Pavlow) Ravn
 Copenhagen Univ. Min. and Geol. Mus. Comm. Paleont. No. 10, 1911, p. 456, pl. XXXII, fig. 3
 Formation: Jurassic
 Location: "Kloft I," "Kloft II" "4 Saenkning" Store Koldewey Island, Greenland
- **sp. indt. Pompechj**
 Kais. Russ. Mineralog. Gesell, St. Petersburg, Verh. ser. 2 Band 38, 1900, p. 270, Taf. VII, fig. 5
 Formation: Jurassic
 Location: Katmaiskoj, Alaska
- **sp. Ravn**
 Meddelelser om Grönland, vol. 45, 1911, p. 459, pl. XXXIII, fig. 1
 Formation: Jurassic
 Location: Store Koldewey Island, Greenland
- **sp. Ravn**
 Copenhagen Univ. Min. and Geol. Mus. Comm. Paleont. No. 10, 1911, p. 459, pl. XXXIII, fig. 1
 Formation: Cretaceous

- Location: Store Koldewey Island
- **strongi** n. sp. Johnson
 School of Mines Quart., vol. 24, No. 2, 1903, p. 193, pl. I, figs. 1, a, b, c, d, e
 Formation: Cretaceous, Cerrillos, Fort Benton age
 Location: New Mexico
- **strongi** n. sp. Johnson
 Columbia Univ. Contr. Geol. Dept. Vol. X, No. 90, 1903, p. 121, pl. I, fig. 1 abcde
 Formation: Fort Benton
 Location: Cerrillos, New Mexico
- **tenuistriata** (Lahusen) Ravn
 Copenhagen Univ. Min. and Geol. Mus. Comm. Paleont. No. 10, 1911, p. 458, pl. XXXII, fig. 7
 Formation: Jurassic
 Location: Vesterdalen at Danmarks Havn
- **tenuistriata** (Lahusen) Ravn
 Meddelelser om Grønland, vol. 45, 1911, p. 458, pl. XXXII, fig. 7
 Formation: Jurassic
 Location: Danmarks Havn, Greenland
- Aulacostephanus** (?) **groenlandicus** n. sp. Ravn
 Meddelelser om Grønland, vol. 45, 1911, p. 492, pl. XXXVII, fig. 3
 Formation: Jurassic
 Location: "Kloft II" Store Koldewey Island, Greenland
- **groenlandicus** n. sp. Ravn
 Copenhagen Univ. Min. and Geol. Mus. Comm. Paleont. No. 10, 1911, p. 492, pl. XXXVII, fig. 3
 Formation: Jurassic
 Location: "Kloft II" Store Koldewey Island, Greenland
- sp. indt. Burckhardt
 Inst. Geol. de México, Bol. 23, 1906, p. 68, Lám. XV, fig. 8
 Formation: Jurassic, Kimmeridgian
 Location: Mazapil, Mexico
- **zacatecanus** n. sp. Burckhardt
 Inst. Geol. de México, Bol. 23, 1906, p. 67, Lám. XVI, figs. 1-4
 Formation: Jurassic, Kimmeridgian
 Location: Mazapil, Mexico
- Auricula neumayri** n. sp. White
 U. S. Geol. Sur. Bull. 128, 1895, p. 41, pl. V, fig. 1
 Formation: Cretaceous, Bear River formation
 Location: Wyoming
- Avellana** (d'Orbigny) Gardner
 Maryland Geol. Sur., U. Cret., 1916, p. 403, no pl
 Formation: Cretaceous
 Location: Maryland
- **bullata** Harris and Veatch
 Geol. Sur. La. Rept., 1899, p. 296, no pl.
 Formation: Cretaceous
 Location: Louisiana
- **bullata** (Morton) Weller
 Geol. Sur. N. J. Pal., vol. 4, 1907, p. 808, pl. XCIX, figs. 9-11
 Formation: Cretaceous, Merchantville marl
 Location: New Jersey
- **bullata** (Whitfield) Gardner
 Maryland Geol. Sur., U. Cret., 1916, p. 403, no pl.

- Formation: Cretaceous, Matawan, Monmouth
 Location: Maryland; New Jersey; Delaware
- *bullata* Whitfield
 Geol. Sur. N. J., vol. 2, 1892, p. 163, pl. XX, figs. 1-4
 Formation: Cretaceous, Lower Green Marls
 Location: New Jersey
- *bullata* Whitfield
 U. S. Geol. Sur., Mon. 18, 1892, p. 163, pl. XX, figs. 1-4
 Formation: Cretaceous, Lower Green Marls
 Location: New Jersey
- *costata* (Weller) Gardner
 Maryland Geol. Sur., U. Cret., 1916, p. 405, no pl.
 Formation: Cretaceous, Monmouth, Matawan
 Location: Maryland; New Jersey
- *costata* (Johnson) Weller
 Geol. Sur. N. J. Pal., vol. 4, 1907, p. 810, pl. XCIX, fig. 21
 Formation: Cretaceous, Woodbury clay
 Location: New Jersey
- *lintoni* n. sp. Gardner
 Maryland Geol. Sur., U. Cret., 1916, p. 406, pl. XVIII, fig. 7
 Formation: Cretaceous, Monmouth
 Location: Maryland
- *punguis* n. sp. Gardner
 Maryland Geol. Sur., U. Cret., 1916, p. 406, pl. XVIII, figs. 5, 6
 Formation: Cretaceous, Monmouth
 Location: Maryland
- Avicula aguilerae* n. sp. Böse
 U. of Tex. Bull. No. 1856, 1918, p. 227, pl. XX, figs. 1-2; 11-12
 Formation: Cretaceous, Lower Turonian (Salmurian)
 Location: Mexico
- *beedei*, n. sp. Logan
 Kans. Univ. Quart., vol. 9, 1900, p. 127, pl. XXVIII, fig. 10
 Formation: Jurassic
 Location: Wyoming
- *belviderensis* n. sp. Cragin
 Amer. Geol., vol. 12, 1894, p. 2, no fig.
 Formation: Cretaceous, Neocomian
 Location: Kiowa county, Kansas
- *dispar* n. sp. Cragin
 Colo. College Studies, 5th Ann. Pub., 1895, p. 53, no pl.
 Formation: Cretaceous, Grayson marl
 Location: Near Denison, Texas
- *gastrodes* (Meek) Herrick and Johnson
 Denison Univ. Sci. Lab. Bull., vol. 11, art 9, 1900, pl. XXXVI,
 figs. 7-10 (no description)
 Formation: Cretaceous
 Location: Near Albuquerque, New Mexico
- *gastrodes* (Meek) Logan
 Kan. Univ. Geol. Sur., vol. 4, 1898, p. 448, 449, pl. LXXXVI,
 figs. 8, 9
 Formation: Cretaceous
 Location: Mitchell county, Kansas
- *gastrodes* (Meek) Stanton
 U. S. Geol. Sur. Bull. 106, 1893, p. 72, pl. IX, figs. 7-10
 Formation: Cretaceous, Pugnellus sandstone
 Location: Colorado

- *gregoryi* n. sp. Hall and Ambrose
The Nautilus, vol. 30, No. 6, 1916, p. 69
Formation: Cretaceous, Horsetown
Location: Carnegie, California
- *Hofmanni* (Bittner) Frech
Cong. Géol. Intern. C. R. 10° sess. Mex., 1906, p. 332, Taf. I, fig. 4, fig. 2a-c (vergl. fig. 3)
Formation: Triassic
Location: Arroyo Calavera bei Zacatas, Mex
- *Hofmanni Bittner* n. var. *pseudopterinea* Frech
Cong. Géol. Intern. C. R. 10° sess. Mex. 1906, p. 333, Taf. I, fig. 5
Formation: Triassic
Location: Arroyo Calavera bei Zacatecas, Mexico
- *leveretti* n. sp. Cragin
Tex. Geol. Sur., 4th Ann. Rept., 1893, p. 171, pl. XLI, fig. 3
Formation: Cretaceous, "Kiamitia Clay"
Location: North Texas
- *linguaeformis* (Evans and Shumard) Stanton
U. S. Geol. Sur., Mon. 32, pt. 2, 1899, p. 637, no pl.
Formation: Cretaceous, Fort Pierre Shales of Montana formation
Location: Yellowstone National Park
- *macronotus* (Meek) Logan
Kans. Univ. Quart., vol. 9, 1900, p. 131, pl. XXX, fig. 6
Formation: Jurassic
Location: Wyoming, Freeze-out Hills
- *Munsteri* (Bronn) Lundgren
Meddelelser om Grönland, vol. 19, 1895, p. 200, pl. IV, figs. 16, 17
Formation: Jurassic
Location: Kap Stewart, east Greenland
- *nebrascana* (Evans and Shumard) Stanton
U. S. Geol. Sur., Mon. 32, pt. 2, 1899, p. 637, no pl.
Formation: Cretaceous, Fort Pierre Shales, Montana formation
Location: Yellowstone National Park
- *nebrascana* (Evans and Shumard) Stanton and Hatcher
U. S. Geol. Sur., Bull. 257, 1905, p. 106, no pl.
Formation: Cretaceous, Judith River beds
Location: Montana
- (*Oxytoma*) (*Whiteaves*) n. sp. Stanton
U. S. Geol. Sur. Bull. 133, 1895, p. 38, pl. IV, fig. 1
Formation: Cretaceous, Knoxville beds
Location: California
- *pellucida* (Gabb) Stanton
U. S. Geol. Sur., 17th Ann. Report, pt. 1, 1896, p. 1032, no pl.
Formation: Cretaceous, Ter. transition, Chico and Tejon
Location: California
- *Pedernalis*, Roem, Böse
Inst. Geol. de Mexico, Bol. 25, p. 84, Lám. 12, 1910, figs. 4-9
Formation: Cretaceous, Vraconian
Location: Sonora
- *polaris* n. sp. Kittl
Second Norwegian Arctic Exped. in the Fram, Rept. No. 7, 1907, p. 12, Taf. I, figs. 2-4
Formation: Triassic
Location: Ammonitenberg am Bärenkaplande, Depot auf der Grossen Inseln im Huerekasunde

- *singleyi* n. sp. Cragin
Texas Geol. Sur., 4th Ann. Rept., 1893, p. 172, no pl.
Formation: Cretaceous
Location: Texas
- *sp. (?)* Hyatt
Geol. Soc. Amer. Bull., vol. 5, 1894, p. 429, no pl.
Formation: Jurassic
Location: American Canyon, California
- (*Oxytoma*) *Whiteavesi* (Stanton) Whiteaves
Geol. Sur. Can., Mesozoic Fossils, 1900, vol. 1, pt. 4, p. 298, no pl.
Formation: Cretaceous
Location: Queen Charlotte Island
- (*Oxytoma*) *wyomingensis* n. sp. Stanton
U. S. Geol. Sur., Mon. 32, pt. 2, 1899, p. 616, no pl.
Formation: Cretaceous
Location: Black Hills
- Aviculopecten ? deseret* n. sp. Girty
U. S. Geol. Sur. Prof. Paper 111, 1920, p. 647, pl. LVII.
figs. 7-9a
Formation: Triassic
Location: Dry Canyon, Wasatch Range, Salt Lake City, Utah
- Axinea compressa* n. sp. Weller
Geol. Sur. N. J. Pal., vol. 4, 1907, p. 417, pl. XXXV, fig. 9
Formation: Cretaceous, Red Bank sand
Location: New Jersey
- *congesta* (Conrad) Weller
Geol. Sur. N. J. Pal., vol. 4, 1907, p. 418, pl. XXXV, figs. 13-19
Formation: Cretaceous, Cliffwood clay, Woodbury clay, Wenonah sand
Location: New Jersey; North Carolina
- *microdentus* n. sp. Weller
Geol. Sur. N. J. Pal., vol. 4, 1907, p. 416, pl. XXXV, figs. 10-11
Formation: Cretaceous, Wenonah sand
Location: New Jersey
- *subaustralis* (d'Orbigny) Weller
Geol. Sur. N. J. Pal., vol. 4, 1907, p. 414, pl. XXXV., figs. 1-8
Trinton beds
Formation: Cretaceous, Merchant clay-marl, Navesink marl,
Location: New Jersey; Alabama; Mississippi; Texas
- Axinella (?)* Merrill
Harv. Coll. Mus. Comp. Zool. Bull., vol. 28, no. 1, 1896, p. 12,
pl. I, figs. 1-2
Formation: Cretaceous flint
Location: Texas
- Baculites* (Lamarck) Gardner
Maryland Geol. Sur., U. Cret., 1916, p. 374, no pl.
Formation: Cretaceous
Location: Maryland
- (Say) [Harris]
Bull. Amer. Pal. vol. 1, No. 5, 1896, p. 288
- *anceps* (Lamarck) Harris and Veatch
Geol. Sur. La. Rept., 1899, p. 297, pl. LI, fig. 6
Formation: Cretaceous
Location: Bienville Parish, Louisiana
- *anceps* (Lamarck) Johnson
School of Mines Quart., vol. 24, No. 2, 1903, p. 204, pl. XI, fig.

- 30, a, b, c
 Formation: Cretaceous, Fort Pierre
 Location: New Mexico
- **anceps** (Lamarck) Johnson
 Columbia Univ. Cont. Geol. Dept., vol. X, No. 90, 1903, p. 132, pl. XI, fig. 30, a, b, c
 Formation: Cretaceous, Fort Pierre
 Location: Santa Rosa Mt. Waldo, New Mexico
- **asper** (Morton) Weller
 Geol. Sur. N. J. Pal., vol. 4, 1907, p. 823, pl. CIX, figs. 6, 7
 Formation: Cretaceous, Cliffwood clay
 Location: New Jersey
- **asper** (Morton) Gardner
 Maryland Geol. Sur., U. Cret., 1916, p. 377, pl. XII, figs. 8, 9
 Formation: Cretaceous, Matawan
 Location: Delaware; New Jersey; Mississippi; Alabama; Montana
- **asper** (Morton) Stanton
 U. S. Geol. Sur., Mon. 32, pt. 2, 1899, p. 636, no pl.
 Formation: Cretaceous, Colorado formation
 Location: Yellowstone National Park
- **asper** Whitfield
 Geol. Sur. N. J., vol. 2, 1892, p. 278, pl. XLVI, figs. 10, 11
 Formation: Cretaceous, Lower Green Marls
 Location: Holmdel, New Jersey
- **asper** Whitfield
 U. S. Geol. Sur., Mon. 18, p. 278, pl. XLVI, figs. 10, 11
 Formation: Cretaceous, Marls
 Location: Holmdel, New Jersey
- **asper** (Mort.?) Stanton
 U. S. Geol. Sur. Bull. 106, 1893, p. 167, pl. XXXVI, figs. 4, 5
 Formation: Cretaceous, Austin?
 Location: Cinnatar Mountain, Montana; Texas?
- **aspero-anceps** n. sp. Lasswitz
 Geol. and Pale. Abh., N. F. 6, Heft. 4, 1904, pag. 16, Taf. III (XV), figs. 1a, 1b
 Formation: Cretaceous
 Location: Texas
- **chicoensis** (Trask) Whiteaves
 Can. Geol. Sur., Mesozoic Fossils, vol. 1, pt. 5, 1903, p. 339, no pl.
 Formation: Cretaceous
 Location: Sucia Islands
- **chicoensis** (Trask) Smith
 Leland Stanford Jr. Univ. Pub., 1914, pl. XIII, figs. 1-9
 Formation: Cretaceous
 Location: California
- **chicoensis** (Trask) Whiteaves
 Can. Roy. Soc. Proc. and Trans., 2nd ser., vol. 1, sec. 4, 1895
 Formation: Upper Cretaceous
 Location: Comax River and Naniamo River, Vancouver
- **comanchensis** n. sp. Adkins
 Univ. of Texas Bull. No. 1856, 1918, p. 74, pl. II, figs. 20-22
 Formation: Cretaceous, Pawpaw
 Location: Near Fort Worth, Texas
- **compressa** (Say) [Harris]
 Bull. Amer. Pal. vol. 1, No. 5, 1896, p. 289

- Formation: Cretaceous
Location: Missouri
- **compressus** Whitfield
Geol. Sur. N. J., vol. 2, 1892, p. 277, pl. XLVI, figs. 1, 2
Formation: Cretaceous
Location: New Jersey
- **compressus** Whitfield
U. S. Geol. Sur. Mon. 18, 1892, p. 277, pl. XLVI, figs. 1, 2
Formation: Cretaceous, Marls
Location: New Jersey
- **compressus** Gilbert
U. S. Geol. Sur., 17th Ann. Rept., pt. 2, 1895-96, pl. LXII
Formation: Cretaceous, Pierre group
Location: Colorado
- **fairbanksi** n. sp. Anderson
Cal. Acad. Sci. Proc. 3rd. ser. Geol. vol. 2, No. 1, 1902, p. 92, pl. VII, figs. 152, 153, pl. X, fig. 194
Formation: Cretaceous, Lower Chico beds
Location: California
- **gracilis** (Shumard?) Stanton
U. S. Geol. Sur. Bull. 106, 1893, p. 166, pl. XXXVI, figs. 1-3
Formation: Cretaceous, Colorado formation
Location: Utah; Colorado; Texas
- **nodosus** var **brevis** (Meek) Logan
Kan. Univ. Geol. Sur., vol. 4, 1898, p. 511, pl. CVIII, fig. 3
Formation: Cretaceous, Fort Pierre Group
Location: Kansas
- **ovata** (Say) [Harris]
Bull. Amer. Pal., vol. 1, No. 5, 1896, p. 289
Formation: Cretaceous
Location: Neversink Hills, N. J.
- **ovatus** (Say) Logan
Kan. Univ. Geol. Sur., vol. 4, 1898, p. 509, pl. CIX, fig. 3
Formation: Cretaceous
Location: Cheyenne County, Kansas
- **ovatus** (Say) Weller
Geol. Sur. N. J. Pal., vol. 4, 1907, p. 821, pl. CIX, fig. 5
Formation: Cretaceous, Merchantville clay-marl; Woodbury clay
Location: New Jersey; Alabama; Dakota; Montana; Colorado
- **ovatus** Whitfield
Geol. Sur. N. J., vol. 2, 1892, p. 275, pl. XLVI, figs. 3-9
Formation: Cretaceous, Lower Green Marls
Location: New Jersey
- **ovatus** Whitfield
U. S. Geol. Sur. Mon. 18, 1892, p. 275, pl. XLVI, figs. 3-9
Formation: Cretaceous, Lower Green Marls
Location: Burlington, New Jersey
- **ovatus** (Say) Gardner
Maryland Geol. Sur., U. Cret., 1916, p. 375, pl. XII, figs. 2, 3
Formation: Cretaceous, Matawan
Location: Delaware; New Jersey; Alabama; Dakota; Montana; Colorado; Nebraska
- sp. indt. Johnson
School of Mines Quart., vol. 24, No. 2, 1903, p. 205
Formation: Cretaceous, Madrid Section
Location: New Mexico

- *sp. indt* Johnson
Columbia Univ. Contr. Geol. Dept., vol. X, No. 90, 1903, p. 133
Formation: Cretaceous
Location: San Marcos Arroyo
- Balanophyllia inauris** (Vaughan) Weller
G. ol. Sur. N. J. Pal., vol. 4, 1907, p. 272, pl. V, fig. 18–22
Formation: Cretaceous, Manasquan Mari
Location: New Jersey
- Balatonites** (Mojsisovics) Hyatt and Smith
U. S. Geol. Sur., Prof. Paper 40, 1905, p. 165
Formation: Triassic
- **hadleyi** Smith n. sp.
U. S. Geol. Sur. Prof. Paper 83, 1914, p. 119, pl. XC, figs. 8–10
Formation: Triassic
Location: West Humboldt Range, Nevada
- **kingi** Smith n. sp.
U. S. Geol. Sur. Prof. Paper 83, 1914, p. 120, pl. XC, figs. 11, 12
Formation: Triassic
Location: Shoshone Mountain, Nevada
- **shoshonensis** (Hyatt and Smith) Smith
U. S. Geol. Sur., Prof. Paper 83, 1914, p. 120, pl. IV, figs. 12, 13
Formation: Triassic
Location: Shoshone Mountains, Nevada
- **shoshonensis** n. sp. Hyatt and Smith
U. S. Geol. Sur. Prof. Paper 40, 1905, p. 167, pl. XXIII, figs. 12, 13
Formation: Triassic
Location: Nevada
- Barbatia** (Gray) Gardner
Maryland Geol. Sur., U. Cret., 1916, p. 537
Formation: Cretaceous
Location: Maryland
- Barbatia**—see *Arca*
- **micronema** Meek (sp) Herrick and Johnson
Denison Univ. Sci. Lab. Bull., vol. 11, art. 9, 1900, pl. XXXVIII,
figs. 1–4 (no description)
Formation: Cretaceous
Location: Near Albuquerque, New Mexico
- **micronema** (Meek) Stanton
U. S. Geol. Sur. Bull. 106, 1893, p. 89, pl. XXI, figs. 1–4
Formation: Cretaceous
Location: Coalville, Utah; Wyoming; Denton county, Texas
- **parva-missouriensis** Hill
Wash. Biol. Soc. Proc., vol. 8, 1893, p. 26, no pl.
Formation: Cretaceous, Trinity Division
Location: Arkansas
- **simondsi** n. sp. Whitney
Tex. Acad. Trans., vol. 12, 1913, p. 11, pl. I, fig. 6
Formation: Cretaceous, Buda
Location: Austin, Texas
- **simondsi** n. sp. Whitney
Univ. of Texas Bull. 184, 1911, p. II, pl. I, fig. 6
Location: Austin, Texas
- Baroda Wyomingensis** (Meek) Stanton
U. S. Geol. Sur. Mon. 32, pt. 2, 1899, p. 638, no pl. (no description)

- Formation: Cretaceous, Montana
 Location: Yellowstone National Park
- Barrettia** (Woodward) Whitfield
 Amer. Mus. Nat. Hist. Bull., vol. 9, 1897, p. 233
 Formation: Cretaceous
- **multilirata** n. sp. Whitfield
 Am. Mus. Nat. Hist. Bull., vol. 9, 1897, p. 244, pl. XXXIII, XXXIV, XXXV
 Formation: Cretaceous
 Location: Jamaica, West Indies
- **spacilirata** n. sp. Whitfield
 Amer. Mus. Nat. Hist. Bull., vol. 9, 1897, p. 245, pl. XXXVI, XXXVII
 Formation: Cretaceous
 Location: Jamaica, West Indies
- Barroisiceras Grossouvre** emend. Solger Burckhardt
 Inst. Geol. de México Bol. 33, 1919, p. 99
 Formation: Cretaceous
- **aff. alstadenense** Schlüter sp. Burckhardt
 Inst. Geol. de México Bol. 33, 1919, p. 107
 Formation: Cretaceous
 Location: Rancho de la Curtidura, Mexico
- **aff. alstadenense Solger** non auct. Burckhardt
 Inst. Geol. de México Bol. 33, 1919, p. 105, Lám. XXV, fig. 10
 Formation: Cretaceous
 Location: Aguacate, Mexico
- **dentato-carinatus** (Roemer) Weller
 Geol. Sur. N. J. Pal., vol. 4, 1907, p. 836, pl. CI, figs. 5, 6
 Formation: Cretaceous
 Location: New Jersey, Texas
- **cfr. halberfellneri** (von Hauer sp.) Burckhardt
 Inst. Geol. de México, Bol. 33, 1919, p. 99, Lám. XXIV, fig. 3
 Formation: Cretaceous
 Location: Huastlanapa, Mexico
- **hyatti** n. sp. Shattuck
 U. S. Geol. Sur., Bull. 205, 1903, p. 36, pl. XXV, figs. 3, 4
 Formation: Cretaceous
 Location: Austin, Texas
- **juv. sp. indt.** Burckhardt
 Inst. Geol. de México Bol. 33, 1919, p. 108, Lám. XXV, figs. 11, 14
 Formation: Cretaceous
 Location: Rancho de la Curtidura, México
- **cfr. Neptuni** (Fritsch and Schloenbach sp. non Geinitz (Burckhardt)
 Inst. Geol. de México Bol. 33, 1919, p. 100, Lam. XXIV, figs. 4-7
 Formation: Cretaceous
 Location: Huastlanapa
- **Nicklesi** (Boula) (Lemoine et Thevenin, non Gossouvre) Burckhardt
 Inst. Geol. de México Bol. 33, 1919, p. 105
 Formation: Cretaceous
 Location: Huastlanapa, Mexico
- **cfr. petrocoriense** (Coquand sp.) Burckhardt
 Inst. Geol. de México Bol. 33, 1919, p. 104 Lám. XXIV, figs. 12, 13
 Formation: Cretaceous
 Location: Huastlanapa, Mexico

- sp. ind. núm. 1 Burckhardt
Inst. Geol. de México Bol. 33, 1919, p. 101 Lám. XXIV, fig. 8
Formation: Cretaceous
Location: Chinantla, Mexico
- sp. ind. núm. 2 Burckhardt
Inst. Geol. de México, Bol. 33, 1919, p. 101, Lám. XXIV, fig. 11
Formation: Cretaceous
Location: Huastlanapa, Mexico
- sp. ind. núm. 3 Burckhardt
Inst. Geol. de México Bol. 33, 1919, p. 102; Lám. XXIV, figs. 9, 10
Formation: Cretaceous
Location: Huastlanapa, Mexico
- sp. ind. núm. 4. Burckhardt
Inst. Geol. de México Bol. 33, 1919, p. 102, Lám. XXV, figs. 1, 5, 6
Formation: Cretaceous
Location: Huastlanapa, Mexico
- sp. ind. núm. 5 Burckhardt
Inst. Geol. de México, Bol. 33, 1919, p. 103, Lám. XXV, figs. 2-4
Formation: Cretaceous
Location: Huastlanapa, Mexico
- sp. ind. núm. 6 Burckhardt
Inst. Geol. de México Bol. 33, 1919, p. 106, Lám. XXV, figs. 12, 13, 15
Formation: Cretaceous
Location: Huastlanapa, Mexico
- sp. ind. núm. 7 Burckhardt
Inst. Geol. de México, Bol. 33, 1919, p. 107, Lám. XXV, figs. 16, 17
Formation: Cretaceous
Location: Huastlanapa, Mexico
- **texanum** n. sp. Shattuck
U. S. Geol. Sur. Bull. 205, 1903, p. 35, pl. XXV, figs. 1, 2
Formation: Cretaceous
Location: Hays Co., Texas
- Bathyomphalus**—see **Planorbis**
- Bela cretacea** n. sp. Whiteaves
Geol. Sr. Can., Mesozoic Fossils, vol. 1, pt. 5, 1903, p. 355, pl. XLIV, fig. 6
Formation: Cretaceous
Location: Queen Charlotte Islands
- Belemnitella** (d'Orbigny) Gardner
Maryland Geol. Sur., U. Cret., 1916, p. 393, no pl.
Formation: Cretaceous
Location: Maryland
- sp. Pompechj
Kais. Russ. Mineralog. Gesell St. Petersburg, verh., Ser. 2, Band 38, 1900, 1901, p. 268, Taf. VII, fig. 4
Formation: Jurassic
Location: Katmaiskoj, Alaska
- **americana** (Morton) Weller
Geol. Sur. N. J. Pal., vol. 4, 1907, p. 839, pl. CIX, figs. 1-4
Formation: Cretaceous, Navesink marl
Location: New Jersey; Delaware; North Carolina; Alabama; Mississippi; Texas
- **americana** Whitfield
U. S. Geol. Sur., Mon. 18, 1892, p. 280, pl. XLVII, figs. 1-11

- Formation: Cretaceous, Lower Green Marls
 Location: New Jersey
- *americana* Whitfield
 Geol. Sur. N. J., vol. 2, 1892, p. 280, pl. XLVII, figs. 1-11
 Formation: Cretaceous, Lower marls
 Location: New Jersey
- *americana* (Morton) Gardner
 Maryland Geol. Sur., U. Cret., 1916, 394, pl. XII, figs. 4-6
 Formation: Cretaceous, Monmouth; Senonian
 Location: Delaware; Maryland; North and South Carolina; New Jersey; Mississippi; Alabama; Europe
- *baculus* n. sp. Logan
 Kan. Univ. Geol. Sur., vol. 4, 1898, p. 479, pl. CX, fig. 2
 Formation: Cretaceous, Fort Benton lower strata
 Location: Kansas
- Belemnites ? ambiguus* Whitfield
 U. S. Geol. Sur., Mon. 18, p. 282, no pl.
 Formation: Cretaceous, Middle Marl beds
 Location: Timber creek, New Jersey
- *? ambiguus* Whitfield
 Geol. Sur. N. J., vol. 2, 1892, p. 282, no pl.
 Formation: Cretaceous, Middle Green Marls
 Location: New Jersey
- *assimilis* n. sp. Whiteaves
 Geol. Sur. Can., Mesozoic Fossils, 1900, vol. 1, pt. 4, p. 268, no pl.
 Formation: Cretaceous
 Location: Queen Charlotte Islands
- *breviaxis* (A. Pavlow) Ravn
 Meddelelser om Grönland, vol. 45, 1911, p. 494
 Formation: Jurassic
 Location: "Kloft I" Store Koldewey Island, Greenland
- *breviaxis* (A. Pavlow) Ravn
 Copenhagen Univ. Min. and Geol. Mus. Comm. Paleont. No. 10, 1911, p. 494
 Formation: Jurassic
 Location: "Kloft I" Store Koldewey Island, Greenland
- *curtus* n. sp. Logan
 Kans. Univ. Quart. vol. 9, 1900, 130, pl. XXIX, figs. 4, 5, pl. II, fig. 3.
 Formation: Jurassic
 Location: Wyoming, Freeze-out Hills
- *densus* (Meek) Logan
 Kans. Univ. Quart., vol. 9, 1900, p. 129, pl. XXVI, fig. 9
 Formation: Jurassic
 Location: Wyoming, Freeze-out Hills
- *densus* (Meek and Hayden) Stanton
 U. S. Geol. Sur. Mon. 32, pt. 2, 1899, p. 631, no pl.
 Formation: Jurassic
 Location: Yellowstone National Park; Black Hills
- *impressus* (Gabb) Stanton
 U. S. Geol. Sur., Bull 133, 1895, p. 84, pl. XX, figs. 1-5
 Formation: Cretaceous, Knoxville and Horsetown beds
 Location: California
- aff. *obeliscus* (Phillips) Aguilera
 Com. Geol. de México, Bol. 1, 1895, p. 46, Lám. XXIV, fig. 3

- Formation: Jurassic
Location: Mexico
- **obtusum** n. sp. Whitfield and Hovey
Bull. Amer. Mus. Nat. Hist., vol. 22, 1906, p. 399, pl. L, fig. 9
Formation: Jurassic
Location: Black Hills
- **pacificum** Hyatt
Geol. Soc. Amer. Bull., vol. 5, 1894, p. 427, no pl.
Formation: Jurassic
Location: California
- **Panderianus** (d'Orbigny) Ravn
Meddelelser om Grönland, vol. 45, 1911, p. 494, pl. XXXVII, fig. 2
Formation: Jurassic
Location: "Kloft I" Store Koldewey Island, Greenland
- **Panderianus** (d'Orbigny) Ravn
Copenhagen Univ. Min. and Geol. Mus. Comm. Paleont. No. 10,
1911, p. 494, pl. XXXVII, fig. 2
Formation: Jurassic
Location: "Kloft I" Store Koldewey Island, Greenland.
- **puzosi** (d'Orbigny) Aquilera
Com. Geol. de México, Bol. 1, 1895, p. 45, Lám. XXIV, figs. 1-6
Formation: Jurassic
Location: Mexico
- **skidegatensis** Whiteaves
Can. Geol. Sur. Mesozoic Fossils, vol. 1, pt. 4, 1900, p. 269, no pl.
Formation: Cretaceous, Lower Shales
Location: Skidegate Inlet
- sp.? Aquilera
Com. Geol. de México, Bol. 1, 1895, p. 46
Formation: Jurassic
Location: Mexico
- sp. Lundgren
Meddelelser om Grönland, vol. 19, 1895, p. 211
Formation: Jurassic
Location: Kap Stewart Island, east Greenland
- sp. Stanton
U. S. Geol. Sur. Bull. 133, 1895, p. 85, no pl.
Formation: Cretaceous, Knoxville beds
Location: Paskenta, California
- sp. indt. Whiteaves
Can. Geol. Sur. Mesozoic Fossils, vol. 1, pt. 5, 1903, p. 326, no pl.
Formation: Cretaceous
Location: Hornby Island
- **tehamaensis** n. sp. Stanton
U. S. Geol. Sur., Bull. 133, 1895, p. 84, pl. XIX, figs. 1-3
Formation: Cretaceous
Location: Telama County, California
- Berenicea americana** (Ulrich and Bassler) n. sp. Weller
Geol. Sur. N. J. Pal., vol. 4, 1907, p. 315, pl. XX, fig. 7
Formation: Cretaceous, Vincentown limesand
Location: New Jersey
- **americana** (Ulrich and Bassler) Bassler
Maryland Geol. Sur., U. Cret., 1916, p. 737, pl. XLVI, figs. 1-4
Formation: Cretaceous, Rancocas
Location: Delaware

- *maloniana* n. sp. Cragin
U. S. Geol. Sur., Bull. 266, 1905, p. 38, pl. II, fig. 7
Formation: Jurassic
Location: Malone Station, Texas
- Berriasella behrendseni** n. sp. Burekhardt
Inst. Geol. de México, Bol. 29, 1912, p. 139, Lám. XXXV, figs. 7, 9
Formation: Jurassic, Portlandian
Location: San Pedro, Durango
- *cfr. gracilis* (Steuer sp.) Burekhardt
Inst. Geol. de México, Bol. 29, 1912, p. 185, Lám. XLIV, figs. 4-6, 10
Formation: Cretaceous, Berriasian
Location: Cerro del Aguajito, Durango
- *neohispanica* n. sp. Burekhardt
Inst. Geol. de México, Bol. 29, 1912, p. 184, Lám. XLIV, figs. 1-3, 7
Formation: Cretaceous, Berriasian
Location: Cerro del Aguajito, Durango
- *aff. Oppeli* (Kilian) sp. Burekhardt
Inst. Geol. de México, Bol. 29, 1912, p. 138, Lám. XXXV, figs. 1-3
Formation: Jurassic, Portlandian
Location: San Pedro del Gallo, Durango
- *aff. Oppeli* (Kilian) Roig
Secretaría de Agr. Comercio y Trabajo Bol. Especial 1920, p. 145,
pl. XII, figs. 1, 1a, 1b
Formation: Jurassic, Portlandian
Location: Puerta del Ancón
- *Oppeli* (Kilian) Roig
Revista Agricultura, Comercio y Trabajo, año 2, No. 12, 1919,
p. 591, fig. 9, no description
Formation: Jurassic
Location: Viñales, Cuba
- *tenuicostata* n. sp. Burekhardt
Inst. Geol. de México, Bol. 29, 1912, p. 161, Lám. XXXIX, figs. 3-5
Formation: Jurassic; Cretaceous, transition stage
Location: Sierrita, Durango
- *varias especies indeterminadas* Burekhardt
Inst. Geol. de México, Bol. 33, 1919, p. 56, Lám. XIX, figs. 3, 4, 8,
10; Lám. XX, figs. 1-3
Formation: Jurassic
Location: Sierrita de Ramírez, Mexico
- Beyrichites** (Waagen) Smith
U. S. Geol. Sur. Prof. Paper 83, 1914, p. 115, no pl.
Formation: Triassic
- (Waagen) Smith
Cal. Acad. Sci. Proc., 3rd ser., vol. 1, 1904, p. 378, no pl.
Formation: Triassic
- (Waagen) Hyatt and Smith
U. S. Geol. Sur. Prof. Paper 40, 1905, p. 154, no pl.
Formation: Triassic
- *dunni* Smith n. sp.
U. S. Geol. Sur., Prof. Paper 83, 1914, p. 116, pl. XXXII, figs. 7-12
Formation: Triassic
Location: Humboldt range, Nevada
- *falciformis* n. sp. Smith
U. S. Geol. Sur. Prof. Paper 83, 1914, p. 116, pl. XCI, figs. 11-13,
pl. XCII, figs. 1-8

- Formation: Triassic
Location: Humboldt range, Nevada
- **osmonti** Smith n. sp.
U. S. Geol. Sur., Prof. Paper 83, 1914, p. 117, pl. XXXI, figs. 7-14;
pl. LXXXIX, fig. 14
Formation: Triassic
Location: Humboldt range, Nevada
- **rotelliformis** (Meek) Smith
Leland Stan. Jr. Univ. Pub., 1914, pl. VIII, figs. 14-23
Formation: Middle Triassic
Location: Nevada
- **rotelliformis** (Meek) Smith
Cal. Acad. Sci. Proc., 3rd ser., vol. 1, 1904, p. 379, pl. XLV, fig. 5;
pl. XLIII, figs. 13-14
Formation: Triassic
Location: Nevada
- **rotelliformis** (Meek) Smith
U. S. Geol. Sur. Prof. Paper 83, 1914, 118, pl. IV, figs. 1-7;
pl. VIII, figs. 1-15; pl. XIV, fig. 9; pl. XXXI, figs. 1-6; pl.
XCI, figs. 1-10
Formation: Triassic
Location: West Humboldt range, Nevada
- **rotelliformis** (Meek) Hyatt and Smith
U. S. Geol. Sur. Prof. Paper 40, 1905, p. 155, pl. XXIII, figs. 1-11;
pl. LVIII, figs. 1-15
Formation: Triassic
Location: Nevada
- **tenuis** Smith n. sp.
U. S. Geol. Sur. Prof. Paper 83, 1914, p. 119, pl. XXXII, figs. 1-6;
pl. LXXXIX, figs. 15-20
Formation: Triassic
Location: West Humboldt range, Nevada
- Biflustrata brownii** n. sp. Cragin
Texas Geol. Sur., 4th Ann. Rept., 1893, p. 165, pl. XXIV, fig. 7
Formation: Cretaceous, Caprina limesand
Location: Travis County, Texas
- **disjuncta** (Gabb and Horn) Weller
Geol. Sur. N. J. Pal., vol. 4, 1907, p. 333, pl. XXIII, fig. 13
Formation: Cretaceous
Location: New Jersey
- **torta** (Gabb and Horn) Weller
Geol. Sur. N. J. Pal., vol. 4, 1907, p. 331, pl. XXIII, figs. 11, 12
Formation: Cretaceous, Vincentown limesand
Location: New Jersey; Maryland
- Biradiolites Aguilerae** Böse n. sp.
Inst. Geol. de México, Bol. 24, 1906, p. 58, Lám. VIII, figs. 1-4;
Lám. IX, figs. 1, 2; Lám. XII, figs. 2-4
Formation: Cretaceous, Senonian
Location: Mexico
- **cardenasensis** n. sp. Böse
Inst. Geol. de México, Bol. 24, 1900, p. 59, Lám. XI, fig. 3;
Lám. XII, fig. 3
Formation: Cretaceous, Senonian
Location: Mexico
- **Polosianus** n. sp. Böse
Inst. Geol. de México, Bol. 24, 1906, p. 60, Lám. V, figs. 2, 3;
Lám. XI, fig. 4; Lám. XII, fig. 5
Formation: Cretaceous, Senonian
Location: Mexico

- Bisidmonea gabbiana** n. sp. (Ulrich and Bassler) Weller
Geol. Sur. N. J. Pal., vol. 4, 1907, p. 320, Lám. XXII, figs. 1, 2
Formation: Cretaceous, Vincentown limesand
Location: New Jersey
- Bittium longissimum** n. sp. Cooper
Cal. State Mining Bureau Bull. No. 4, 1894, p. 43, pl. II, fig. 30
Formation: Cretaceous, Marysville Buttes
Location: California
- Blandfordia** sp. indt. cfr. **Wallichi** Gray sp. Burekhardt
Inst. Geol. de México, Bol. 29, 1912, p. 141, Lám. XXXV, figs. 8, 10
Formation: Jurassic, Portlandian
Location: San Pedro, Durango
- Bolivina dilatata** (Reuss) Woodward and Thomas
Minn. Geol. and Nat. Hist. Sur., vol. 3, 1895, pt. 1, p. 33, pl. C, fig. 26
Formation: Cretaceous
Location: Nebraska
- **punctata** d'Orbigny, Woodward and Thomas
Minn. Geol. and Nat. Hist. Sur., vol. 3, pt. 1, 1895, p. 34, pl. C, figs. 27, 28
Formation: Cretaceous
Location: Minnesota; Nebraska; Illinois
- **punctata** (d'Orbigny) Baggs
U. S. Geol. Sur. Bull. 88, 1893, pl. II, p. 33, fig. 3
Formation: Cretaceous to Recent
Location: New Jersey
- **punctata** (d'Orbigny) Weller
Geol. Sur. N. J. Pal., vol. 4, 1907, p. 200, pl. I, fig. 26
Formation: Cretaceous, Marshalltown clay marl
Location: New Jersey
- **punctata** (d'Orbigny) Woodward
New York Microscopical Soc. Journ., vol. X, No. 4, 1894, p. 100
Formation: Cretaceous
Location: Crosswick's Creek, New York
- **textilaroides** (Reuss) Weller
Geol. Sur. N. J. Pal., vol. 4, p. 201, pl. I, figs. 30-31
Formation: Cretaceous, Marshalltown clay marl
Location: New Jersey
- **textilaroides** (Reuss) Baggs
U. S. Geol. Sur. Bull. 88, 1893, p. 34, no pl.
Formation: Cretaceous to Recent
Location: New Jersey
- Boltenella** n. gen. Wade
Phila. Acad. Nat. Sci. Proc., vol. 69, 1917, p. 285
- **excellans** n. sp. Wade
Phila. Acad. Nat. Sci. Proc., vol. 69, 1917, p. 286, pl. XVIII, figs. 3, 4
Formation: Upper Cretaceous, Ripley
Location: Coon Creek, McNairy Co., Tennessee
- Botriopygus alabamensis** (Clark)
U. S. Geol. Sur. Bull. 97, 1893, p. 60, pl. XXV, figs. 1a, f
Formation: Cretaceous, Ripley
Location: Alabama
- **alabamensis** (Clark) Clark and Twitchell
U. S. Geol. Sur. Mon. 54, 1915, p. 68, pl. XXIV, figs. 2a, f
Formation: Cretaceous, Ripley
Location: Alabama
- Bourgueticrinus alabamensis** (de Loriol) Clark
U. S. Geol. Sur. Bull. 97, 1893, p. 25, pl. III, figs. 1a-c

- Formation: Cretaceous, Ripley group
Location: Alabama
- Brachydontes** — see **Modiola**
- Brachydontes athabaskaensis** n. sp. McLearn
Canada Dept. Mines Mus. Bull. 29, 1919, p. 12, pl. V, figs. 1, 2
Formation: Cretaceous, Clearwater formation
Location: Athabaska river, Alberta
- Brachyura** indt. crustacean Whitney
Tex. Acad. Sci. Trans., vol. 12, 1913, p. 27, pl. XIII, fig. 1
Formation: Cretaceous, Buda
Location: Austin, Texas
- indt. crustacean Whitney
Univ. of Texas Bull. 184, 1911, p. 27, pl. XIII, fig. 1
Formation: Cretaceous, Buda
Location: Austin, Texas
- (?) Pilsbry
Phila. Acad. Nat. Sci. Proc., vol. 53, 1901, p. 117, pl. I, figs. 17, 18
Formation: Cretaceous
Location: New Jersey
- Breviarca cuneata** (Gabb) Weller
Geol. Sur. N. J. Pal., vol. 4, 1907, p. 406, pl. XXX, fig. 27
Formation: Cretaceous, Merchantville clay-marl, Woodbury clay
Location: New Jersey; Georgia
- **saffordi** (Gabb) Weller
Geol. Sur. N. J. Pal., vol. 4, 1907, p. 404, pl. XXX, figs. 21, 24
Formation: Cretaceous, Woodbury clay
Location: New Jersey; Tennessee
- Buccinatrix** n. gen. Cragin
Texas Geol. Sur., 4th Ann. Rept., 1893, p. 219, no pl.
Formation: Cretaceous
Location: Texas
- **regina** n. sp. Cragin
Texas Geol. Sur., 4th Ann. Rept., 1893, p. 220, pl. LXIII
Formation: Cretaceous, Glen Rose formation
Location: Gillespie county, Texas
- Buccinopsis** (?) **parryi** (Con.) Hill
Wash. Biol. Soc. Proc., vol. 8, 1893, p. 33, pl. VI, fig. 1
Formation: Cretaceous, Glen Rose formation
Location: Arkansas; Texas
- Buchiceras inequiplacatus** (Shumard) Cragin
Texas Geol. Sur. 4th Ann. Rept., 1893, p. 233, no pl.
Formation: Cretaceous, Eagle Ford
Location: Texas
- **swallovi** (Shumard) sp. Stanton
U. S. Geol. Sur., Bull. 106, 1893, p. 168, pl. XXXVII, fig. 1;
pl. XXXVIII, figs. 1-3
Formation: Cretaceous
Location: Colorado; Utah; Texas
- **swallovi** (Shumard) Herrick and Johnson
Denison Univ. Sci. Lab. Bull., vol. 11, art. 9, 1900, p. 213, pl.
XXVII, figs. 1-4
Formation: Cretaceous
Location: New Mexico
- **swallovi** (Shumard) Cragin
Texas Geol. Sur. 4th Ann. Rept., 1893, p. 234, no pl.
Formation: Cretaceous, Eagle Ford
Location: Texas
- **swallovi** var. **puercoensis** n. var. Herrick and Johnson

- Denison Univ. Sci. Lab. Bull., vol. 11, art. 9, 1900, pl. XXVII,
figs. 3, 4 (no description)
Formation: Cretaceous
Location: Rio Puerco Valley, New Mexico
- Bulimina affinis** (d'Orbigny) Woodward and Thomas
Minn. Geol. and Nat. Hist., Sur., vol. 3, pt. 1, 1895, p. 32, pl. C,
fig. 19
Formation: Cretaceous
Location: Nebraska
- **pupoides** (d'Orbigny) Woodward and Thomas
Minn. Geol. and Nat. Hist. Sur., vol. 3, pt. 1, 1895, p. 32, pl. C,
figs. 20-24
Formation: Cretaceous
Location: Minnesota; Nebraska; Illinois
- **pupoides** (d'Orbigny) Woodward
New York Microscopical Soc. Journ. vol. X, No. 4, 1894, p. 98
Formation: Cretaceous
Location: Mullica Hill, New Jersey
- **puschi** (Reuss) Bagge
U. S. Geol. Sur. Bull. 88, 1893, p. 32, no pl.
Formation: Cretaceous, Monmouth
Location: New Jersey
- **puschi** (Reuss) Weller
Geol. Sur. N. J. Pal., vol. 4, 1907, p. 199, no pl.
Formation: Cretaceous, Navesink marl
Location: Freehold, New Jersey
- **pyrula** (d'Orbigny) Woodward
New York Microscopical Soc. Journ., vol. X, No. 4, 1894, p. 99
Formation: Cretaceous
Location: Timber Creek, New Jersey
- **variabilis** (d'Orbigny) Weller
Geol. Sur. New Jersey Pal., vol. 4, 1907, p. 200, no pl.
Formation: Cretaceous, Navesink marl
Location: New Jersey
- **variabilis** (d'Orbigny) Bagge
U. S. Geol. Sur., Bull. 88, 1893, p. 33, no pl.
Formation: Cretaceous, Monmouth
Location: New Jersey
- Bulimina** sp. Calvin
Iowa Geol. Sur., vol. III, Second Ann. Rept., 1895, p. 229, pl.
XIX, fig. 8
Formation: Cretaceous
Location: St. Helena, Nebraska
- Bulina atavus** (White) Stanton and Hatcher
U. S. Geol. Sur. Bull. 257, 1905, p. 119, no pl.
Formation: Cretaceous, Judith River beds
Location: Montana
- **subelongatus** (Meek and Hayden) Stanton and Hatcher
U. S. Geol. Sur. Bull. 257, 1905, p. 118, no pl.
Formation: Cretaceous, Judith River beds
Location: Montana
- Bulla assimulata** n. sp. Cooper
Cal. State Minning Bur. Bull. 4, 1894, p. 47, pl. III, fig. 46
Formation: Cretaceous
Location: California
- **conica** n. sp. Whitfield
Geol. Sur. N. J., vol. 2, 1892, p. 189, pl. XXIII, figs. 12, 13
Formation: Cretaceous, Upper Green marls
Location: New Jersey

- **conica** n. sp. Whitfield
U. S. Geol. Sur. Mon. 18, 1892, p. 189, pl. XXIII, figs. 12, 13
Formation: Cretaceous, Upper Green marls
Location: Shark River, New Jersey
- **macrostoma** (Gabb) Weller
Geol. Sur. N. J. Pal., vol. 4, 1907, p. 812, pl. XCIX, figs. 19, 20
Formation: Cretaceous, Red Bank sand
Location: New Jersey
- **mortoni** Whitfield
Geol. Sur. N. J., vol. 2, 1892, p. 165, pl. XX, figs. 7-9
Formation: Cretaceous, Lower Green marls
Location: New Jersey
- **mortoni** Whitfield
U. S. Geol. Sur. Mon. 18, 1892, p. 165, pl. XX, figs. 7-9
Formation: Cretaceous, Lower Green marls
Location: Crosswick's Creek, New Jersey
- Burtonella** — see **Vermetus**
- Busycon** Wade
Amer. Jour. Science, ser. 4, vol. 43, 1917, p. 294, text figs. 1, 2
- Busycon (Protobusycon) cretaceum** n. sp. Wade
Amer. Jour. Sci., ser. 4, vol. 43, 1917, p. 296, text figs. 1, 2
Formation: Cretaceous
Location: McNairy Co., Tennessee
- Bythinia arundelensis** n. sp. Clark
Maryland Geol. Sur., L. Cret., 1911, p. 211, pl. XXI, fig. 6
Formation: Cretaceous, Arundel formation
Location: Anne Arundel County, Maryland
- Bythocypris parilis** Ulrich, Weller
Geol. Sur. New Jersey Pal., vol. 4, 1907, p. 844, pl. CX, figs. 4-7
Formation: Cretaceous, Vincentown limesand
Location: New Jersey
- Cadoceras** (Fischer) Pompeckj
Kais. Russ. Mineralog. Gesell. St. Petersburg, Verh. Ser. 2, Band 38, 1900, p. 249
- **catostoma** n. sp. Pompeckj
Kais. Russ. Mineralog. Gesell. St. Petersburg, Verh. Ser. 2, Band 38, 1900, p. 263, Taf. V, figs. 1, 2
Formation: Jurassic
Location: Katmaiskoj, Halbinsel, Alaska
- **crassum** n. sp. Madsen
Meddelelser om Grönland, vol. 29, 1903, p. 193, pl. IX, figs. 1, 2, 3, pl. X, fig. 1; text fig. 2
Formation: Jurassic
Location: Vardekløft, Greenland
- **grewingki** n. sp. Pompeckj
Kais. Russ. Mineralog. Gesell. St. Petersburg, Verh. Ser. 2, Band 38, 1900, p. 258, Taf. VI, figs. 1, 2, 3
Formation: Jurassic
Location: Katmaiskoj, Kadiak Island, Alaska
- **petelini** n. sp. Pompeckj
Kais. Russ. Mineralog. Gesell. St. Petersburg, Verh. Ser. 2, Band 38, 1900, p. 267, Taf. VI, figs. 4, 5, 6
Formation: Jurassic
Location: Kadiak Island, Alaska
- **schmidti** n. sp. Pompeckj

- Kais. Russ. Mineralog. Gesell. St. Petersburg, Verh. Ser. 2, Band. 38, 1900, p. 265, Taf. V, figs. 3, 4
 Formation: Jurassic
 Location: Kadiak Island, Alaska
- *stenoloboi* n. sp. Pompeckj
 Kais. Russ. Mineralog. Gesell. St. Petersburg, Verh. Ser. 2, Band. 38, 1900, p. 255, Taf. VII, figs. 2, 3
 Formation: Jurassic
 Location: Kadiak Island, Alaska
- sp. indt. Pompeckj
 Kais. Russ. Mineralog. Gesell. St. Petersburg, Verh. Ser. 2, Band. 38, 1900, p. 268, Taf. VI, fig. 7
 Formation: Jurassic
 Location: Kadiak Island, Alaska
- sp. (?) *Wosnossenski* (Grew sp.) Pompeckj
 Kais. Russ. Mineralog. Gesell. St. Petersburg, Verh. Ser. 2, Band. 38, 1900, p. 254, Taf. V, fig. 6
 Formation: Jurassic
 Location: Kadiak Island, Alaska
- *wosnessenski* (Grew sp.) Pompeckj
 Kais. Russ. Mineralog. Gesell. St. Petersburg, Verh. Ser. 2, Band. 38, 1900, p. 251, Taf. V, fig. 5
 Formation: Jurassic
 Location: Katmaiskoj, Alaska
- Cadulus obnutus* (Conrad) Weller
 Geol. Sur. N. J. Pal., vol. 4, 1907, p. 663, pl. LXXV, figs. 3, 4
 Formation: Cretaceous, Woodbury clay
 Location: New Jersey
- Calamophyllia dawsoni* n. sp. Clapp and Shimer
 Bost. Soc. Nat. Hist. Proc., vol. 34, No. 12, 1911, p. 431, pl. XL, fig. 1; pl. XLII, fig. 16
 Formation: Jurassic
 Location: Cowichan Lake, Vancouver Island
- *suttonensis* n. sp. Clapp and Shimer
 Bost. Soc. Nat. Hist. Proc., vol. 34, 1911, p. 431, pl. XL, figs. 5, 7; pl. XLI, fig. 15
 Formation: Jurassic
 Location: Cowichan Lake, Vancouver Island
- Californites* n. gen. Hyatt and Smith
 U. S. Geol. Sur., Prof. Paper 40, 1905, p. 179, no pl.
 Formation: Triassic
- *merriami* n. sp. Hyatt and Smith
 U. S. Geol. Sur., Prof. Paper 40, 1905, p. 180, pl. XXXII, figs. 11-23
 Formation: Triassic
 Location: Shasta county, California
- Callianassa* (Leach) Pilsbry
 Phila. Acad. Nat. Sci. Proc., vol. 53, 1901, p. 112, no pl.
 Formation: Cretaceous
- *clarki* n. sp. Pilsbry
 Maryland Geol. Sur., U. Cret., 1916, p. 368, pl. XI, figs. 6-8
 Formation: Cretaceous, Matawan
 Location: Delaware
- *conradi* Pilsbry
 Maryland Geol. Sur., U. Cret., 1916, p. 366, pl. X, fig. 5

- Formation: Cretaceous, Matawan, Monmouth
 Location: Maryland
- **conradi** (Pilsbry) Weller
 Geol. Sur. N. J. Pal., vol. 4, 1907, p. 851, pl. CX, figs. 18-22
 Formation: Cretaceous, Tinton beds
 Location: New Jersey
- **conradi** n. sp. Pilsbry
 Phila. Acad. Nat. Sci. Proc., vol. 53, 1901, p. 114, pl. I, figs. 8-10
 Formation: Cretaceous
 Location: New Jersey
- **conradi** var. **punctimanus** n. var. Pilsbry
 Maryland Geol. Sur., U. Cret., 1916, p. 368, pl. XI, figs. 4, 5
 Formation: Cretaceous, Monmouth
 Location: Maryland; Delaware
- **mortoni** Pilsbry
 Maryland Geol. Sur., U. Cret., 1916, p. 363, pl. XI, figs. 1-3
 Formation: Cretaceous, Matawan, Monmouth
 Location: Maryland
- **mortoni** n. sp. Pilsbry
 Phila. Acad. Nat. Sci. Proc., vol. 53, 1901, p. 112, pl. I, figs. 1-7
 Formation: Cretaceous
 Location: New Jersey
- **mortoni** var. **marylandica** n. var. Pilsbry
 Maryland Geol. Sur., U. Cret., 1916, p. 366, pl. XI, figs. 9, 10
 Formation: Cretaceous, Monmouth
 Location: Maryland
- **mortoni** (Pilsbry) Weller
 Geol. Sur. N. J. Pal., vol. 4, 1907, p. 849, pl. CXI, figs. 1-15
 Formation: Cretaceous, Merchantville clay marl, Navesink marl
 Location: New Jersey
- sp. indt. Pilsbry
 Maryland Geol. Sur., U. Cret., 1916, p. 369, pl. X, fig. 7
 Formation: Cretaceous, Matawan
 Location: Delaware
- **stimpsoni** (Gabb) Stanton
 U. S. Geol. Sur., 17th Ann. Rep., pt. 1, 1896, p. 1030, no pl.
 Formation: Cretaceous, Eocene transition, both Chico and Tejon
 Location: California
- **whiteavesii** n. sp. Woodward
 Geol. Soc. London Quart. Jour., vol. 52, 1896, p. 223, figs. 1, 2
 Formation: Cretaceous
 Location: Vancouver Island
- **whiteavesii** (Woodward) Whiteaves
 Can. Geol. Sur. Mesozoic Fossils, 1903, vol. 1, pt. 5, p. 319, no pl.
 Formation: Cretaceous
 Location: Vancouver Island
- **whiteavesii** n. sp. Woodward
 Geol. Mag., n. s., dec. 4, vol. 7, 1900, p. 435, pl. XVII, figs. 2, a, b
 Formation: Upper Cretaceous
 Location: Comax River, Vancouver Island
- Calliostoma kempiana** n. sp. Cooper
 Cal. State Mining Bureau Bull. 4, 1894, p. 46, pl. III, figs. 33, 34
 Formation: Cretaceous
 Location: California
- **lignitica** n. sp. Cooper

- Cal. Acad. Sci. Proc., vol. 6, 1896, p. 331, pl. XLVII, fig. 5
 Formation: Cretaceous
 Location: California
- Callista (Dosiniopsis ?) deweyi** (Meek and Hayden) Stanton and Vaughan
 U. S. Geol. Sur. Prof. Paper 128A, 1920, p. 31, pl. V, figs. 11, 12
 Formation: Cretaceous, Cannonball
 Location: Price, Mandan, Kayser, N. Dak.; Bloon, S. Dak.
- **(Dosiniopsis) nebrascensis** (Meek and Hayden) Stanton and Vaughan
 U. S. Geol. Sur. Prof. Paper 128A, 1920, p. 30, pl. V, figs. 5-10
 Formation: Cretaceous
 Location: Mandan, Price, N. Dak.
- **(Dosiniopsis ?) orbiculata** (Meek and Hayden) Stanton
 U. S. Geol. Sur., Bull. 106, 1893, p. 108, pl. XXIV, figs. 9, 10
 Formation: Cretaceous, Fort Benton group
 Location: Missouri River
- **Aphrodina ? tenuis** (H & M) Stanton
 U. S. Geol. Sur. Bull. 106, 1893, p. 109, pl. XXIV, figs. 7, 8
 Formation: Cretaceous, Fort Union or Benton group
 Location: South fork of Cheyenne River, near the base of the Black Hills
- Calytraphorus septentrionalis** n. sp. Stanton
 U. S. Geol. Sur. Prof. Paper 128-a, 1920, p. 39, pl. VII, figs. 5a-d, and 6
 Formation: Cretaceous, Cannonball
 Location: Kayser, N. Dakota
- Campeloma amarillensis** n. sp. Stanton
 U. S. Geol. Sur. Prof. Paper 98, 1916, p. 318, pl. LXXXIII, figs. 5, 6
 Formation: Upper Cretaceous
 Location: San Juan Basin, New Mexico
- **harlowtonensis** n. sp. Stanton
 Amer. Phil. Soc. Proc., vol. 42, 1903, p. 196, pl. IV, figs. 11, 12
 Formation: Cretaceous
 Location: Harlowton, Montana
- **macrospira** (Meek) White
 U. S. Geol. Sur. Bull. 128, 1895, p. 60, pl. X, figs. 2, 3
 Formation: Cretaceous, Bear River formation
 No locality given
- **multilineata** (Meek and Hayden) Stanton and Hatcher
 U. S. Geol. Sur. Bull. 257, 1905, p. 114, no pl.
 Formation: Cretaceous, Judith River beds
 Location: Montana
- **producta** (White) Stanton and Hatcher
 U. S. Geol. Sur. Bull. 257, 1905, p. 114, no pl.
 Formation: Cretaceous, Judith River beds
 Location: Montana
- **vetula** (Meek and Hayden) Stanton and Hatcher
 U. S. Geol. Sur. Bull. 257, 1905, p. 114, no pl.
 Formation: Cretaceous, Judith River beds
 Location: Montana
- Camptonectes** (Agassiz) Meek
 U. S. Geol. Sur., Mon. 32, pt. 2, 1899, p. 613, no pl.
 Formation: Jurassic
 Location: Yellowstone National Park

- *bellistriatus* (Meek) Logan
Kans. Univ. Quart., vol. 9, 1900, p. 123, pl. XXX, figs. 7, 8
Formation: Jurassic
Location: Wyoming, Freeze-out Hills
- *bellistriatus* var. *distans* n. var. Stanton
U. S. Geol. Sur., Mon. 32, pt. 2, 1899, p. 614, pl. LXXII, fig. 13
Formation: Jurassic, Ellis formation
Location: Yellowstone National Park
- Camptonectes bellistriatus*** (Meek) Stanton
U. S. Geol. Sur., Mon. 32, pt. 2, 1899, p. 613, pl. LXXII, fig. 12
Formation: Jurassic, Ellis formation
Location: Yellowstone National Park
- *burlingtonensis* Harris and Veatch
Geol. Sur. La. Rept., 1899, p. 294, pl. L, fig. 3
Formation: Cretaceous
Location: Bienville Parish, Louisiana
- *extenuatus* (Meek and Hayden) Logan
Kans. Univ. Quart., vol. 9, 1900, p. 125, no pl.
Formation: Jurassic
Location: Wyoming, Freeze-out Hills
- *pertenuistriatus* (Hail and Whitf.) Stanton
U. S. Geol. Sur., Mon. 32, pt. 2, 1899, p. 614, pl. LXXII, fig. 11
Formation: Jurassic, Ellis formation
Location: Yellowstone National Park
- *platessa* (White) Herrick and Johnson
Denison Univ. Sci. Lab. Bull., vol. 11, art. 9, 1900, pl. XXXVI, fig. 6 (no description)
Formation: Cretaceous
Location: New Mexico
- *platessa* (White) Stanton
U. S. Geol. Sur., Bull. 106, 1893, p. 72, pl. IX, fig. 6
Formation: Cretaceous
Location: Utah; Arizona
- *platessiformis* White
U. S. Geol. Sur., Mon. 32, pt. 2, 1899, p. 615, no pl.
Formation: Jurassic, Ellis formation
Location: Yellowstone National Park
- *symmetricus* n. sp. Herrick and Johnson
Denison Univ. Sci. Lab. Bull., vol. 11, art. 9, 1900, p. 209, no pl.
Formation: Cretaceous
Location: New Mexico
- Campylostoma pierrense*** n. sp. Rathbun
U. S. Nat. Mus. Proc., vol. 52, 1917, p. 389, pl. 33, figs. 4, 5
Formation: Cretaceous, Pierre Shale
Location: Carson county, South Dakota
- Cancellaria irelaniana*** n. sp. Cooper
Cal. State Mining Bureau Bull., No. 4, 1894, p. 42, pl. I, fig. 5
Formation: Cretaceous
Location: California
- *malachitensis* n. sp. Stanton
U. S. Geol. Sur., Bull. 106, p. 158, 1893 (?), pl. XXXIII, figs. 6, 7
Formation: Cretaceous, Pugnellus sandstone
Location: Huerfano Park, Colorado
- *smocki* n. sp. Weller
Geol. Sur. N. J. Pal., vol. 4, 1907, p. 793, pl. XCVIII, figs. 2, 3

- Formation: Cretaceous, Merchantville clay-marl and Woodbury clay
 Location: New Jersey
- (*Merica*) *subalata* Whitfield
 Geol. Sur. N. J., vol. 2, 1892, p. 95, pl. XII, figs. 24, 25
 Formation: Cretaceous, Lower Green Marls
 Location: New Jersey
- (*Merica*) *subalata* Whitfield
 U. S. Geol. Sur., Mon. 18, 1892, p. 95, pl. XII, figs. 24, 25
 Formation: Cretaceous, Lower Green Marls
 Location: New Jersey
- *subalata* (Conrad) Weller
 Geol. Sur. N. J. Pal., vol. 4, 1907, p. 792, pl. XCVIII, fig. 1
 Formation: Cretaceous, Merchantville clay-marl and Woodbury clay
 Location: New Jersey
- Candona* ? *Sancta-Mariae* n. sp. Jones
 Geol. Mag., dec. 4, vol. 2, 1895, p. 26, pl. II, figs. 7a, b, c
 Formation: Cretaceous, Saint Mary River beds
 Location: North Branch Milk River, Canada
- (?) sp. indt. Jones
 Geol. Mag., dec. 4, vol. 2, 1895, p. 27, pl. II, fig. 9
 Formation: Cretaceous, Saint Mary River beds
 Location: Oldman River, Canada
- *subovata* n. sp. Jones
 Geol. Mag., dec. 3, vol. 10, 1893, p. 388, pl. XV, figs. 16a, b
 Formation: Cretaceous, Montana formation
 Location: Coalville, Utah
- *subreniformis* n. sp. Jones
 Geol. Mag., dec. 3, vol. 10, 1893, p. 388, pl. XV, figs. 14a, b
 Formation: Cretaceous, Montana formation
 Location: Coalville, Utah
- Cantharus* (*Cantharulus*) *vaughani* (Meek and Hayden) Stanton and Vaughan
 U. S. Geol. Sur. Prof. Paper 128A, 1920, p. 40, pl. VII, figs. 7a, b
 Formation: Cretaceous, Cannonball
 Location: Heart River, Kayser, N. Dakota; Wapakala, S. Dakota
- Caprina* cf. *adversa* (d'Orbigny) Boehm
 Zeit. Deut. Geol. Gesell., vol. 50, 1898, p. 326, text figs. 2, 3
 Formation: Cretaceous
 Location: Cerro Escamelo, Orizaba, Mexico
- Caprina jamaicensis* n. sp. Whitfield
 Amer. Mus. Nat. Hist. Bull., vol. 9, 1897, p. 192, pl. XIII; pl. XV, figs. 1, 2
 Formation: Cretaceous
 Location: Jamaica
- Caprina ramosa* n. sp. Boehm
 Zeit. Deut. Geol. Gesell., vol. 50, 1898, p. 327, fig. 4
 Formation: Cretaceous
 Location: Cerro Escamelo, Orizaba, Mexico
- sp. Boehm
 Zeit. Deut. Geol. Gesell., vol. 50, 1898, p. 328, fig. 5
 Formation: Cretaceous
 Location: Cerro Escamelo, Orizaba, Mexico
- Caprinella occidentalis* n. sp. Whitfield

- Amer. Mus. Nat. Hist. Bull., vol. 9, 1897, p. 193, pl. XVI, XVII
Formation: Cretaceous
Location: Jamaica, West Indies
- *quadrangularis* n. sp. Whitfield
Amer. Mus. Nat. Hist. Bull., vol. 9, 1897, p. 193, pl. XII, XIV
Formation: Cretaceous
Location: Jamaica, West Indies
- Caprinula anguis* (Roemer) sp. Douvillé
Bull. Soc. Géol. France, 3rd ser., No. 28, 1900, p. 220, figs. 16, 17
Formation: Cretaceous, Edwards
Location: Jamaica, West Indies
- *gigantea* n. sp. Whitfield
Amer. Mus. Nat. Hist. Bull., vol. 9, 1897, p. 194, pl. XVIII, XIX, XX, XXI, XXII
Formation: Cretaceous
Location: Jamaica, West Indies
- Caprotina jerseyensis* n. sp. Weller
Geol. Sur. N. J. Pal., vol. 4, 1907, p. 568, pl. LXII, figs. 13-15
Formation: Cretaceous, Navesink marl
Location: New Jersey
- Capulus corrugatus* (nom. prov.) Whiteaves
Can. Geol. Sur. Mesozoic Fossils, vol. 1, pt. 5, 1903, p. 364, pl. 45, figs. 2, 2a
Formation: Cretaceous
Location: Vancouver Island
- *spangleri* n. sp. Henderson
U. S. Nat. Mus. Proc., vol. 34, 1908, p. 261, pl. XIII, figs. 5-7
Formation: Cretaceous, Fort Pierre
Location: Fort Collins, Colorado
- Cardiaster cinctus* (Morton) Clark and Twitchell
U. S. Geol. Sur., Mon. 54, 1915, p. 83, pl. XXXVI, figs. 2a, b
Formation: Cretaceous, Rancocas
Location: New Jersey
- *cinctus* (Morton) Weller
Geol. Sur. N. J. Pal., vol. 4, 1907, p. 296, pl. XIV, figs. 1-8
Formation: Cretaceous, Vincentown limesand
Location: Vincentown, New Jersey
- *cinctus* (Morton) Clark
U. S. Geol. Sur., Bull. 97, 1893, p. 75, pl. XXXVII, figs. 1a, b
Formation: Cretaceous
Location: New Jersey
- *curtus* (Clark) n. sp. Clark and Twitchell
U. S. Geol. Sur., Mon. 54, 1915, p. 84, pl. XXXVII, figs. 1a, b
Formation: Cretaceous, Montana group
Location: Montana
- *marylandica* n. sp. Clark
Maryland Geol. Sur., U. Cret., 1916, p. 750, pl. XLVII, figs. 6-10
Formation: Cretaceous, Monmouth
Location: Maryland
- *smocki* (Clark) Clark and Twitchell
U. S. Geol. Sur., Mon. 54, 1915, p. 84, pl. XXXVI, figs. 3a-c
Formation: Cretaceous, Matawan
Location: Matawan, New Jersey
- *smocki* n. sp. (Clark) Weller
Geol. Sur. N. J. Pal., vol. 4, 1907, p. 298, pl. XIII, figs. 9-11

- Formation: Cretaceous, Merchantville clay-marl
Location: New Jersey
- Cardinia gibbosum** ? Hyatt
Geol. Soc. Amer. Bull., vol 5, 1894, p. 420, no pl.
Formation: Jurassic, Upper Lias
Location: California
- (?) **ovula** n. sp. Kittl
Second Norwegian Arctic Exped. in the Fram, Rept. No. 7, 1907,
p. 32, pl. II, figs. 12, 13
Formation: Triassic
Location: Hutinsel im Bayfjord
- **wyomingensis** n. sp. Logan
Kans. Univ. Quart., vol. 9, 1900, p. 125, pl. XXV, fig. 8
Formation: Jurassic
Location: Wyoming, Freeze-out Hills
- Cardiniopsis** n. gen. Stanton
U. S. Geol. Sur. Bull. 133, 1895, p. 53
- **unioides** n. sp. Stanton
U. S. Geol. Sur. Bull. 133, 1895, p. 55, pl. VII, fig. 5; pl. VIII, fig.
1; Pl. IX, fig. 1; Pl. X, fig. 1
Formation: Cretaceous, Knoxville beds
Location: California
- Cardioceras alaskensis** n. sp. Reeside
U. S. Geol. Sur. Prof. Paper 118, 1919, p. 18, pl. VI, figs. 7-10
Formation: Jurassic, Nakuck formation
Location: Cook Inlet, Alaska
- ? **albanienne** n. sp. Reeside
U. S. Geol. Sur. Prof. Paper 118, 1919, p. 35, pl. XXIII, fig. 1-3,
pl. XXIV, figs. 1, 2
Formation: Jurassic, Sundance formation
Location: Freezeout Hills, Wyoming
- **alternans** (v. Buch sp.) Ravn
Meddelelser om Grönland, vol. 45, p. 486, pl. XXXVI, figs. 1, 2, 3
Formation: Jurassic
Location: "Kloft I," "4 Saenkning" Store Koldewey Island,
Hochstetter's Foreland, Greenland
- **alternans** v. Buch sp. Ravn
Copenhagen Univ. Min. and Geol. Mus. Comm. Paleont. No. 10,
1911, p. 486, pl. XXXVI, figs. 1, 2, 3
Formation: Jurassic
Location: "Kloft I" "4 Saenkning" Store Koldewey Island,
Hochstetter's Foreland, Greenland
- **americanum** n. sp. Reeside
U. S. Geol. Sur. Prof. Paper 118, 1919, p. 18, pl. VI, figs. 15-20
Formation: Jurassic, Sundance formation
Location: Sundance, Wyoming
- **auroraense** n. sp. Reeside
U. S. Geol. Sur. Prof. Paper 118, 1919, p. 19, pl. X, figs. 1-5
Formation: Jurassic, Sundance formation
Location: Aurora (Ridge), Wyoming
- **bellefourchense** n. sp. Reeside
U. S. Geol. Sur. Prof. Paper, 118, 1919, p. 20, pl. XI, figs. 1, 2; pl.
XII, figs. 1, 2
Formation: Jurassic, Sundance formation
Location: Sundance, Wyoming

- **canadense** (Whiteaves) Reeside
U. S. Geol. Sur. Prof. Paper 118, 1919, p. 20, pl. XVII, figs. 5-11
Formation: Jurassic, Cardioceras beds
Location: Fernie, B. C.; Sundance, Wyoming
- **cordiforme** (Meek and Hayden) (Neumayr) Reeside
U. S. Geol. Sur. Prof. Paper 118, 1919, p. 21, pl. VII, figs. 1-6; pl. VIII, figs. 1-7; pl. IX, fig. 1
Formation: Jurassic, Sundance formation
Location: Southwest base of Black Hills, Wyoming; Freezeout Hills, Wyoming
- **cordiforme** (Meek) Logan
Kans. Univ. Quart., vol. 9, 1900, p. 124, pl. XXVII, figs. 1-12
Formation: Jurassic
Location: Freezeout Hills, Wyoming
- **crassum** n. sp. Reeside
U. S. Geol. Sur. Prof. Paper 118, 1919, p. 23, pl. XII, figs. 3-4; pl. XIII, fig. 1; pl. XIV, fig. 1,2
Formation: Jurassic, Sundance formation
Location: Freezeout Hills, Wyoming
- **crookense** n. sp. Reeside
U. S. Geol. Sur. Prof. Paper 118, 1919, p. 23, pl. IX, figs. 2-4
Formation: Jurassic, Sundance formation
Location: Devils Tower; Freezeout Hills, Wyoming
- **distans** (Whitfield) (Neumayr) Reeside
U. S. Geol. Sur. Prof. Paper 118, 1919, p. 24, pl. XV, figs. 18-21; pl. XVI, figs. 1-6
Formation: Jurassic, Sundance formation
Location: Near Bear Lodge Butte, Wyoming
- **distans** (Whitfield) var. **depressum** n. sp. Reeside
U. S. Geol. Sur. Prof. Paper 118, 1919, p. 25, pl. XV, figs. 22-24; pl. XVI, figs. 7-11
Formation: Jurassic, Sundance formation
Location: Belle Fourche River west of Sundance, Wyoming
- **dubium** n. sp. Hyatt
Geol. Soc. Amer. Bull., vol. 5, 1894, p. 420
Formation: Jurassic
Location: California
- **haresi** n. sp. Reeside
U. S. Geol. Sur. Prof. Paper 118, 1919, p. 25, pl. XIX, figs. 4-12
Formation: Jurassic, Sundance formation
Location: Redwater Creek boundary between Wyoming and S. Dakota
- **hyatti** n. sp. Reeside
U. S. Geol. Sur. Prof. Paper 118, 1919, p. 26, pl. XV, figs. 1-4
Formation: Jurassic, Sundance formation
Location: Difficulty Canyon, Carbon Co., Wyoming
- ? **incertum** n. sp. Reeside
U. S. Geol. Sur. Prof. Paper 118, 1919, p. 36, pl. XX, figs. 17-20; pl. XXI; pl. XXII, figs. 1, 2
Formation: Jurassic, Sundance formation
Location: Freezeout Hills, Wyoming
- Cardioceras ? latum** n. sp. Reeside
U. S. Geol. Sur. Prof. Paper 118, 1919, p. 37, pl. XX, figs. 7-16
Formation: Jurassic, Sundance
Location: Belle Fourche River 25 miles west of Sundance,

- Wyoming, Devils Tower and Redwater Creek, Wyoming
- **lillooetense** n. sp. Reeside
U. S. Geol. Sur. Prof. Paper 118, 1919, p. 27, pl. XVII, figs. 20-23
Formation: Jurassic, Cardioceras beds
Location: Lillooet, B. C.
 - **martini** n. sp. Reeside
U. S. Geol. Sur. Prof. Paper 118, 1919, p. 27, pl. IX, figs. 5-8
Formation: Jurassic, Cardioceras beds
Location: Matanuska Valley and Cook Inlet, Alaska
 - **nathorsti** (Lundgren sp.) Ravn
Meddelelser om Grönland, vol. 45, 1911, p. 487, pl. XXXV, fig. 10
Formation: Jurassic
Location: "Kloft I" "Kloft II" "4 Saenkning" Store Koldewey Island, Greenland
 - **nathorsti** (Lundgren sp.) Ravn
Copenhagen Univ. Min. and Geol. Mus. Comm. Paleont. No. 10, 1911, p. 487, pl. XXV, fig. 10
Formation: Jurassic
Location: "Kloft I" "Kloft II" "4 Saenkning" Store Koldewey Island, Greenland
 - **obtusum** n. sp. Reeside
U. S. Geol. Sur. Prof. Paper 118, 1919, p. 28, pl. XX, figs. 1-6
Formation: Jurassic, Sundance formation
Location: Redwater Creek; Devils Tower, Wyoming
 - **plattense** n. sp. Reeside
U. S. Geol. Sur. Prof. Paper 118, 1919, p. 28, pl. IX, figs. 9-12
Formation: Jurassic, Sundance formation
Location: Sundance, Wyoming
 - **russelli** n. sp. Reeside
U. S. Geol. Sur. Prof. Paper 118, 1919, p. 29, pl. XIII, figs. 2, 3; pl. XIV, figs. 3-5
Formation: Jurassic, Sundance formation
Location: Redwater Creek, Wyoming
 - **schucherti** n. sp. Reeside
U. S. Geol. Sur. Prof. Paper 118, 1919, p. 30, pl. XI, fig. 3-5
Formation: Jurassic, Sundance formation
Location: Freezeout Hills, Wyoming
 - sp. Ravn
Meddelelser om Grönland, vol. 45, 1911, p. 488, pl. XXXV, fig. 11
Formation: Jurassic
Location: "Kloft I" Store Koldewey Island
 - sp. Ravn
Copenhagen Univ. Min. and Geol. Mus. Comm. Paleont. No. 10, 1911, p. 488, pl. XXXV, fig. 11
Location: "Kloft I" Store Koldewey Island
 - sp. ? undet. Reeside
U. S. Geol. Sur. Prof. Paper 118, 1919, p. 37, pl. XXIV, figs. 3,4
Formation: Jurassic, Sundance formation
Location: Freezeout Hills, Wyoming
 - **spiniferum** n. sp. Reeside
U. S. Geol. Sur. Prof. Paper 118, 1919, p. 30, pl. XVIII, fig. 4; pl. XIX, figs. 1-3
Formation: Jurassic, Naknek formation
Location: Cook Inlet, Alaska
 - **stantoni** n. sp. Reeside

- U. S. Geol. Sur. Prof. Paper 118, 1919, p. 31, pl. XV, figs. 5-8
 Formation: Jurassic, Sundance formation
 Location: Difficulty Canyon, Carlson County, Aurora, Wyoming
- *stantoni* var. *obesum* n. var. Reeside
 U. S. Geol. Sur. Prof. Paper 118, 1919, p. 31, pl. XV, figs. 9-11
 Formation: Jurassic, Sundance formation
 Location: Difficulty Canyon, Carlson Co., Wyoming
- *stillwelli* n. sp. Reeside
 U. S. Geol. Sur. Prof. Paper 118, 1919, p. 31, pl. VI, figs. 11-14
 Formation: Jurassic, Sundance formation
 Location: Sundance, Wyoming
- *sundancense* n. sp. Reeside
 U. S. Geol. Sur. Prof. Paper 118, 1919, p. 32, pl. XVII, figs. 12-19;
 pl. XVIII, figs. 1-3
 Formation: Jurassic, Sundance formation
 Location: Sundance, Wyoming
- *whiteavesi* n. sp. Reeside
 U. S. Geol. Sur. Prof. Paper 118, 1919, p. 33, pl. XVII, figs. 1-4
 Formation: Jurassic, Sundance formation
 Location: Lillooet, B. C.
- *whitfieldi* n. sp. Reeside
 U. S. Geol. Sur. Prof. Paper 118, 1919, p. 34, pl. VI, figs. 1-6
 Formation: Jurassic, Sundance formation
 Location: Near Bear Lodge Butte, Wyoming
- *wyomingense* n. sp. Reeside
 U. S. Geol. Sur. Prof. Paper 118, 1919, p. 34, pl. XV, figs. 12-17
 Formation: Jurassic, Sundance formation
 Location: Aurora (Ridge); Sundance, Wyoming
- Cardioceratidae* (H. Douvillé) Reeside
 U. S. Geol. Sur. Prof. Paper 118, 1919, p. 12
 Formation: Jurassic
- Cardita alticostata* (Gabb) Cooper
 Cal. Acad. Sci. Proc., vol. 6, 1896, p. 336, pl. XLVIII, fig. 10
 Formation: Cretaceous B
 Location: California
- *belviderensis* n. sp. Cragin
 Amer. Geol., vol. 14, 1894, p. 5, pl. I, figs. 9-11
 Formation: Cretaceous, Neocomian
 Location: Kansas; New Mexico
- *intermedia* (Whitfield) Weller
 Geol. Sur. N. J. Pal., vol. 4, 1907, p. 565, pl. LXII, figs. 6-8
 Formation: Cretaceous, Vincentown sand and Manasquan marl
 Location: New Jersey
- *Posadae* n. sp. Böse
 Inst. Geol. de México, Bol. 25, 1910, p. 126, Lám. XXV, figs. 4, 6,
 7; Lám. XXVI, fig. 3
 Formation: Cretaceous, Vraconian
 Location: Chihuahua
- (?) *ursina* n. sp. Kittl
 Second Norwegian Arctic Exped. in the Fram, Rept. No. 7, 1907,
 p. 33, pl. II, fig. 15
 Formation: Triassic
 Location: Bärenspitze nachst der Bärenbucht im Heureka Sund,
 (Loser Block)

- **Willei** n. f. Kittl
Second Norwegian Arctic Exped. in the Fram, Rept. No. 7, 1907,
p. 34, pl. II, fig. 14
Formation: Triassic
Location: Bärenspitze nachst der Bärenbucht im Heurekaund,
(Loser Block)
- Cardium** (Linné) Gardner
Maryland Geol. Sur., U. Cret., 1916, p. 663, no pl.
Formation: Cretaceous
Location: Maryland
- **alabamense** Harris and Veatch
Geol. Sur. La Rept. 1899, p. 294, pl. L, fig. 4
Formation: Cretaceous
Location: Bienville Parish, Louisiana
- (**Nemocardium**) **bisolaris** n. sp. Cragin
Amer. Geol., vol. 14, 1894, p. 6, pl. 1, fig. 16
Formation: Cretaceous, Neocomian
Location: Belvidere, Kansas
- **cliffwoodensis** n. sp. Weller
Geol. Sur. N. J. Pal., vol. 4, 1907, p. 581, pl. LXIV, figs. 1-4
Formation: Cretaceous, Cliffwood clay
Location: New Jersey
- **concinnum** (v. Buch) Lundgren
Meddelelser om Grønland, vol. 19, 1895, p. 207, pl. IV, fig. 25
Formation: Jurassic
Location: Kap Stewart, east Greenland
- **dumosum** (Conrad) Gardner
Maryland Geol. Sur., U. Cret., 1916, p. 668, no pl.
Formation: Cretaceous
Location: Delaware; Maryland; New Jersey; Mississippi
- **dumosum** (Conrad) Weller
Geol. Sur. N. J. Pal., vol. 4, 1907, p. 590, pl. LXV, figs. 7-10
Formation: Cretaceous, Woodbury clay. Wenonah sand, Red
Banks sands
Location: New Jersey
- **eufaulensis** (Conrad) Weller
Geol. Sur. N. J. Pal., vol. 4, 1907, p. 577, pl. LXIII, figs. 17-20
Formation: Cretaceous, Wenonah sand
Location: New Jersey; North Carolina; Alabama; Mississippi;
Arkansas
- **eufalense** (Conrad) Gardner
Maryland Geol. Sur., U. Cret., 1916, p. 664, pl. XL, figs. 1, 2
Formation: Cretaceous, Magothy, Matawan, Monmouth, Black
Creek, Eutaw, Ripley
Location: Mississippi; Maryland; Delaware; New Jersey; South
Carolina; Georgia; Alabama
- (**granocardium**) **budaense** n. sp. Shattuck
U. S. Geol. Sur., Bull. 205, 1903, p. 25, pl. XIII, figs. 2-4
Formation: Cretaceous
Location: Texas
- (**Protocardia**) **Hillanum**, Sowerby, Böse
Inst. Geol. de México, 1910, Bol. 25, p. 129, Lám. XXVII; figs.
4, 5; Lám. XXVIII, figs. 1, 3
Formation: Cretaceous, Vraconian and Cenomanian
Location: Chihuahua

- **knappi** n. sp. Weller
Geol. Sur. N. J. Pal., vol. 4, 1907, p. 595, pl. LXVI, figs. 4-7
Formation: Cretaceous, Hornerstown marl, and Vincentown
limesand
Location: New Jersey
- **kümmeli** n. sp. Weller
Geol. Sur. N. J. Pal., vol. 4, 1907, p. 585, pl. LXVI, figs. 1-3
Formation: Cretaceous, Navesink marl, Red Bank sand, Tinton
beds
Location: New Jersey; Alabama; Mississippi
- **kümmeli** (Weller) Gardner
Maryland Geol. Sur., U. Cret., 1916, p. 673, no pl.
Formation: Cretaceous, Matawan, Monmouth, Ripley
Location: Delaware; Maryland; New Jersey; Alabama; Missis-
sippi; Georgia
- **longstreeti** n. sp. Weller
Geol. Sur. N. J. Pal., vol. 4, 1907, p. 579, pl. LXIII, figs. 21, 22
Formation: Cretaceous, Wenonah sand
Location: New Jersey
- **lorallardensis** n. sp. Weller
Geol. Sur. N. J. Pal., vol. 4, 1907, p. 582, pl. LXIV, figs. 5-8
Formation: Cretaceous, Woodbury clay
Location: New Jersey
- **? mudgei** n. sp. Cragin
Amer. Geol., vol. 14, 1894, p. 6, no pl.
Formation: Cretaceous, Neocomian
Location: Kansas
- **Muñoz** n. sp. Böse
Inst. Geol. de México, Bol. 25, 1910, p. 131, lám. XXVIII, figs. 2,
4-6
Formation: Cretaceous, Vraconian
Location: Chihuahua
- **nucleolus** (Whitfield) Weller
Geol. Sur. N. J. Pal., vol. 4, 1907, p. 575, pl. LXIII, figs. 8-9
Formation: Cretaceous, Manasquan marl
Location: New Jersey
- **pauperculum** (Meek) Herrick and Johnson
Denison Univ. Sci. Lab. Bull., 1900, vol. 11, art. 9, p. 207, pl.
XXXIII, fig. 11
Formation: Cretaceous
Location: Socorro county, New Mexico
- **pauperculum** (Meek) Shimer and Blodgett
Amer. Jour. Sci., 4th ser., vol. 25, 1908, p. 63
Formation: Cretaceous, Fort Benton
Location: Mexico
- **pauperculum** (Meek) Stanton
U. S. Geol. Sur., Mon. 32, pt. 2, 1899, p. 638, no pl.
Formation: Cretaceous, Colorado formation
Location: Wyoming; Colorado; Utah; Yellowstone National
Park
- **pauperculum** (Meek) Stanton
U. S. Geol. Sur., Bull. 106, 1893, p. 99, pl. XXII, figs. 9-12
Formation: Cretaceous
Location: Colorado; Kansas; Utah
- **pilsbryi** n. sp. Weller

- Geol. Sur. N. J., Pal., vol. 4, 1907, p. 594, pl. LXV, figs. 11, 12
 Formation: Cretaceous, Merchantville clay-marl
 Location: New Jersey
- (*Protocardia*) *Vaughani* n. sp. Shattuck
 U. S. Geol. Sur. Bull. 205, 1903, p. 26, pl. XIV, figs. 1-3
 Formation: Cretaceous
- (sp. ?) Herrick-Johnson
 Denison Univ. Sci. Lab. Bull., vol. 11, art. 9, 1900, p. 207, pl. XXXV, fig. 1
 Formation: Cretaceous
 Location: New Mexico
- (*Protocardia*) *texanum* (Conrad) Shattuck
 U. S. Geol. Sur. Bull. 205, 1903, p. 25, pl. XIII, figs. 5-7
 Formation: Cretaceous
 Location: Austin, Texas
- *quinordinatum* n. sp. Cragin
 Colo. Coll. Studies, 5th Ann. Pub., 1894, p. 57, no pl.
 Formation: Cretaceous, Washita
 Location: Georgetown, Texas
- *ripleyanum* (Conrad) Weller
 Geol. Sur. N. J., Pal., vol. 4, 1907, p. 582, pl. LXV, figs. 4-6
 Formation: Cretaceous, Cliffwood, Merchantville, and Woodbury clay
 Location: New Jersey
- *sevierense* Hill
 Wash. Biol. Soc. Proc., vol. 8, 1893, p. 29, no pl.
 Formation: Cretaceous
 Location: Arkansas
- *spillmani* (Conrad) Gardner
 Maryland Geol. Sur., U. Cret., 1916, p. 666, no pl.
 Formation: Cretaceous, Matawan, Monmouth, Black Creek, Peedee, Eutaw, Ripley, Selma
 Location: Maryland; New Jersey; North and South Carolina; Georgia; Mississippi; Alabama
- *spillmani* (Conrad) Weller
 Geol. Sur. N. J., Pal., vol. 4, 1907, p. 583, pl. LXIV, figs. 9-11
 Formation: Cretaceous, Merchantville clay-marl, Navesink marl
 Location: New Jersey; Alabama; Mississippi; Texas; Oklahoma
- *subcongestum* n. sp. Böse
 Inst. Geol. de México, Bol. 25, p. 128, 1910, lám. 27, figs. 6-13
 Formation: Cretaceous, Vraconian
 Location: Chihuahua
- *tenuistriatum* (Whitfield) Weller
 Geol. Sur. N. J., Pal., vol. 4, 1907, p. 591, pl. LXV, figs. 13-19
 Formation: Cretaceous, Merchantville clay-marl, Marshalltown clay-marl, Wenonah sand, Navesink marl
 Location: New Jersey
- *tenuistriatum* (Whitfield) (Weller) Gardner
 Maryland Geol. Sur., U. Cret., 1916, p. 669, no pl.
 Formation: Cretaceous, Matawan, Monmouth
 Location: Maryland; New Jersey
- (*Protocardia*) *texanum* (Conrad) Shattuck
 U. S. Geol. Sur. Bull. 205, p. 25, pl. XIII, figs. 5-7
 Formation: Cretaceous

- Location: Austin, Texas
- **trillineatum** n. sp. Weller
 Geol. Sur. N. J. Pal., vol. 4, 1907, p. 589, pl. LXV, fig. 20
 Formation: Cretaceous, Navesink marl
 Location: New Jersey
- **trite** (White) Stanton
 U. S. Geol. Sur. Bull. 106, 1893, p. 100, pl. XXII, figs. 7, 8
 Formation: Cretaceous
 Location: Utah
- **uniformis** n. sp. Weller
 Geol. Sur. N. J. Pal., vol. 4, 1907, p. 588, pl. LXV, figs. 1-3
 Formation: Cretaceous, Woodbury clay
 Location: New Jersey
- **wenonah** n. sp. Weller
 Geol. Sur. N. J. Pal., vol. 4, 1907, p. 576, pl. LXIII, figs. 10-16
 Formation: Cretaceous, Wenonah sand, Red Banks sand
 Location: New Jersey; Texas
- **whitfieldi** n. sp. Weller
 Geol. Sur. N. J. Pal., vol. 4, 1907, p. 580, pl. LXIV, fig. 8
 Formation: Cretaceous, Woodbury clay
 Location: New Jersey
- Caricella plicata** (Whitfield) Weller
 Geol. Sur. N. J. Pal., vol. 4, 1907, p. 772, pl. XCI, figs. 7, 8
 Formation: Cretaceous, Manasquan marl
 Location: New Jersey
- **plicata** n. sp. Whitfield
 Geol. Sur. N. J., vol. 2, 1892, p. 182, pl. XXIII, figs. 1, 2
 Formation: Cretaceous, Upper Green Marls
 Location: New Jersey
- **plicata** n. sp. Whitfield
 U. S. Geol. Sur., Mon. 18, 1892, p. 182, pl. XXIII, figs. 1, 2
 Formation: Cretaceous, Upper Green Marls
 Location: Farmingdale, New Jersey
- Caryatis** see **Cytherea**
- **veta** (Whitfield) Herrick and Johnson
 Denison Univ. Sci. Lab. Bull., vol. 11, art. 9, 1900, p. 206, pl. XXX,
 figs. 6, 7
 Formation: Cretaceous
 Location: Rio Puerco Valley, New Mexico
- **veta** (Whitfield) Weller
 Geol. Sur. N. J. Pal., vol. 4, 1907, p. 611, pl. LXVIII, figs. 11, 12
 Formation: Cretaceous, Hornerstown marl, Vincentown lime-
 sand, Manasquan marl
 Location: New Jersey
- Cassianella (Burckhardtia) aguilerae** n. sp., n. gen. Frech
 Cong. Géol. Intern. C. R. 10^e sess. Mexico, 1906, p. 335, Taf. II,
 Figs. 1a, d
 Formation: Triassic
 Location: Arroyo Calavera, Zacatecas, Mexico
- **(Burckhardtia) Boesei** n. sp. Frech
 Cong. Géol. Intern. C. R. 10^e sess. Mexico, 1906, p. 334, Taf. II,
 Fig. 3
 Formation: Triassic
 Location: Arroyo Calavera, Zacatecas, Mexico

- Cassianella** Beyrich n. subgen. **Burckhardtia** Frech
 Cong. Géol. Intern. C. R. 10^e sess. Mexico, 1906, p. 334, Taf. II
 Formation: Triassic
- Cassidulus** (Lamarck) Slocum
 Field Col. Mus. Nat. Hist., Pub. 134, 1909, p. 5, no pl.
 Formation: Cretaceous, Eocene
- **abruptus** (Conrad) Clark and Twitchell
 U. S. Geol. Sur. Mon. 54, 1915, p. 81, no pl.
 Formation: Cretaceous, Ripley
 Location: Tippale county, Mississippi
- **aequorens** (Morton) Weller
 Geol. Sur. N. J. Pal. vol. 4, 1907, p. 293, pl. XII, figs. 5-12
 Formation: Cretaceous, Navesink marl
 Location: New Jersey
- **aequorens** (Morton) Clark and Twitchell
 U. S. Geol. Sur. Mon. 54, 1915, p. 75, pl. XXX, figs. 2a-i
 Formation: Cretaceous, Monmouth, Ripley
 Location: New Jersey; Alabama
- **aequorens** (Morton) Clark
 U. S. Geol. Sur. Bull. 97, 1893, p. 68, pl. XXIX, figs. 1a-i
 Formation: Cretaceous, Ripley group
 Location: Alabama
- **conoidens** (Clark) n. sp. Clark and Twitchell
 U. S. Geol. Sur. Mon. 54, p. 80, pl. XXVIII, figs. 3a-d
 Formation: Cretaceous, Ripley
 Location: Clay county, Georgia
- **florealis** (Morton) Clark
 U. S. Geol. Sur. Bull. 97, 1893, p. 66, pl. XXVIII, figs. 1a-1
 Formation: Cretaceous
 Location: New Jersey; Delaware
- **florealis** (Morton) Clark and Twitchell
 U. S. Geol. Sur. Mon. 54, 1915, p. 74, pl. XXX, figs. 1a-1
 Formation: Cretaceous, Matawan, Selma
 Location: Delaware; Alabama
- **hemisphericus** (Slocum) Clark and Twitchell
 U. S. Geol. Sur. Mon. 54, 1915, p. 80, pl. XXXIV, figs. 2a-c
 Formation: Cretaceous, Ripley
 Location: Mississippi
- **hemisphericus** n. sp. Slocum
 Field Col. Mus. Nat. Hist. Pub. 134, 1909, Geol. ser., vol. 4, No. 1,
 p. 7, pl. I, figs. 7-9
 Formation: Cretaceous, Ripley
 Location: Mississippi
- **intermedins** (Slocum) Clark and Twitchell
 U. S. Geol. Sur. Mon. 54, 1915, p. 78, pl. XXXIV, figs. 1a-f
 Formation: Cretaceous, Ripley
 Location: Mississippi
- **intermedins** n. sp. Slocum
 Field Col. Mus. Nat. Hist. Pub. 134, 1909, vol. 4, No. 1, p. 5;
 Geol. Ser., pl. I, figs. 1-6
 Formation: Cretaceous, Ripley group
 Location: Mississippi
- **micrococcus** (Gabb) Clark and Twitchell
 U. S. Geol. Sur. Mon. 54, 1915, p. 76, pl. XXXI, figs. 1a-i

- Formation: Cretaceous, Ripley
 Location: Eufaula, Alabama
- **micrococcus** (Gabb) Clark
 U. S. Geol. Sur. Bull. 97, 1893, p. 69, pl. XXX, figs. 1a-i
 Formation: Cretaceous, Ripley group
 Location: Alabama
- **porrectus** (Clark) Clark and Twitchell
 U. S. Geol. Sur. Mon. 54, 1915, p. 78, pl. XXXII, figs. 2a-b; pl. XXXIII, figs. 1a-b
 Formation: Cretaceous, Ripley
 Location: Eufala, Alabama
- **porrectus** Clark
 U. S. Geol. Sur. Bull. 97, 1893, p. 72, pl. XXXIII, figs. 1a-b; pl. XXXIV, figs. 1a-b; pl. XXXV, figs. 1a-d
 Formation: Cretaceous, Ripley group
 Location: Alabama
- sp. Clark
 Maryland Geol. Sur., U. Cret., 1916, p. 750, no pl.
 Formation: Cretaceous, Monmouth
 Location: Maryland
- **stantoni** (Clark) Clark and Twitchell
 U. S. Geol. Sur. Mon. 54, 1915, p. 79, pl. XXXIII, figs. 2a-d
 Formation: Cretaceous
 Location: Huerfano county, Colorado
- **stantoni** (Clark)
 U. S. Geol. Sur. Bull. 97, p. 73, 1893, pl. XXXV, figs. 2a-d
 Formation: Cretaceous
 Location: Colorado
- ? **subangulatus** (Emmons) Clark and Twitchell
 U. S. Geol. Sur. Mon. 54, 1915, p. 81, no pl.
 Formation: Cretaceous, Pedee sand ?
 Location: Craven county, North Carolina
- **subconicus** (Clark) Clark and Twitchell
 U. S. Geol. Sur. Mon. 54, 1915, p. 77, pl. XXXII, figs. 1a-k
 Formation: Cretaceous, Ripley
 Location: Dumas, Mississippi
- **subconicus** Clark
 U. S. Geol. Sur. Bull. 97, 1893, p. 71, pl. XXXII, figs. 1a-k
 Formation: Cretaceous, Ripley group
 Location: Mississippi
- **subquadratus** (Con) Clark
 U. S. Geol. Sur. Bull. 97, 1893, p. 70, pl. XXXI, figs. 1a-b
 Formation: Cretaceous, Ripley formation
 Location: Mississippi
- **subquadratus** (Conrad) Slocom
 Field Col. Mus. Nat. Hist., Pub. 134, 1909, vol. 4, No. 1, p. 5, no pl.
 Formation: Cretaceous
 Location: Mississippi
- **subquadratus** (Conrad) Clark and Twitchell
 U. S. Geol. Sur. Mon. 54, 1915, p. 77, pl. XXXI, figs. 2a-g
 Formation: Cretaceous, Ripley
 Location: Near Holly Springs, Mississippi
- Catopygus oviformis** (Conrad) Clark and Twitchell
 U. S. Geol. Sur. Mon. 54, 1915, p. 72, pl. XXIX, figs. 2a-f

- Formation: Cretaceous, Rancocas
 Location: Timber Creek, New Jersey
- *oviformis* (Con) Clark
 U. S. Geol. Sur. Bull. 97, 1893, p. 64, pl. XXVII, figs. 2a-b
 Formation: Cretaceous
 Location: New Jersey
- *oviformis* (Conrad) Weller
 Geol. Sur. N. J. Pal., vol. 4, 1907, p. 291, pl. XI, figs. 10-15
 Formation: Cretaceous, Vincentown limesand
 Location: New Jersey
- *pusillus* (Clark) Weller
 Geol. Sur. N. J. Pal., vol. 4, 1907, p. 292, pl. XI, figs. 16-19
 Formation: Cretaceous, Merchantville clay-marl
 Location: New Jersey
- *pusillus* Clark
 U. S. Geol. Sur. Bull. 97, 1893, p. 65, pl. XXVII, figs. 3a-d
 Formation: Cretaceous
 Location: New Jersey
- *pusillus* (Clark) Clark and Twitchell
 U. S. Geol. Sur. Mon. 54, 1915, p. 73, pl. XXIX, figs. 3a-d
 Formation: Cretaceous, Matawan
 Location: Monmouth county, New Jersey
- sp. Clark and Twitchell
 U. S. Geol. Sur. Mon. 54, 1915, p. 74, no pl.
 Formation: Cretaceous, Monmouth
 Location: Beers Hill Cut, New Jersey
- sp. undt. Weller
 Geol. Sur. N. J. Pal. vol. 4, 1907, p. 293, no pl.
 Formation: Cretaceous, Tinton beds
 Location: New Jersey
- *williamsi* (Clark) Clark and Twitchell
 U. S. Geol. Sur. Mon. 54, 1915, p. 73, pl. XXIX, figs. 4a-d
 Formation: Cretaceous, Monmouth
 Location: New Jersey
- *williamsi* n. sp. (Clark) Weller
 Geol. Sur. N. J. Pal., vol. 4, 1907, p. 292, pl. XII, figs. 1-4
 Formation: Cretaceous, Navesink marl
 Location: New Jersey
- Cavoscala* n. gen. Whitfield
 U. S. Geol. Sur. Mon. 18, 1892, p. 176, no pl.
 Formation: Cretaceous
- *annulata* (Morton) Weller
 Geol. Sur. N. J. Pal., vol. 4, 1907, p. 676, pl. LXXVI, figs. 5-7
 Formation: Cretaceous, Vincentown limesand
 Location: New Jersey
- *annulata* Whitfield
 Geol. Sur. N. J., vol. 2, 1892, p. 117, pl. XXII, figs. 1-5
 Formation: Cretaceous, Middle Green Marls
 Location: New Jersey
- *annulata* Whitfield
 U. S. Geol. Sur. Mon. 18, 1892, p. 177, pl. XXII, figs. 1-5
 Formation: Cretaceous, Middle Green Marls
 Location: New Jersey
- Celtites* (Mojsisovics) Hyatt and Smith

- U. S. Geol. Sur. Prof. Paper 40, 1905, p. 125, no pl.
Formation: Triassic
- *gabbi* n. sp. Smith
U. S. Geol. Sur. Prof. Paper 83, 1914, p. 34, pl. XX, figs. 9–14
Formation: Triassic
Location: West Humboldt range, Nevada
- *halli* (Mojsisovics) Hyatt and Smith
U. S. Geol. Sur. Prof. Paper 40, 1905, p. 125, pl. XXV, figs. 4, 4a, 5, 5a, 5b; pl. LXXV, figs. 1–5
Formation: Triassic
Location: Nevada
- *polygyratus* n. sp. Smith
U. S. Geol. Sur. Prof. Paper 83, 1914, p. 35, pl. XX, figs. 1–8
Formation: Triassic
Location: West Humboldt range, Nevada
- Celtitidae* (Mojsisovics) Smith
U. S. Geol. Sur. Prof. Paper 83, 1914, p. 33, no pl.
Formation: Triassic
- Hyatt and Smith
U. S. Geol. Sur. Prof. Paper 40, 1905, p. 121, no pl.
Formation: Triassic
- Ceratites* (de Haan) Smith
U. S. Geol. Sur. Prof. Paper 83, 1914, p. 72, no pl.
Formation: Triassic
- (de Haan) Smith
Cal. Acad. Sci. Proc., 3rd ser., vol. 1, 1904, p. 382, no pl.
Formation: Triassic
- (de Haan) Hyatt and Smith
U. S. Geol. Sur. Prof. Paper 40, 1905, p. 167, no pl.
Formation: Triassic
- *altilis* n. sp. Smith
U. S. Geol. Sur. Prof. Paper 83, 1914, p. 83, pl. XLV, figs. 14–22; pl. LXVII, figs. 19–21
Formation: Triassic
Location: West Humboldt range, Nevada
- *applanatus* n. sp. Smith
U. S. Geol. Sur. Prof. Paper 83, 1914, p. 80, pl. LIII, figs. 9–14
Formation: Triassic
Location: West Humboldt range, Nevada
- (*Philippites*) *argentarius* n. sp. Smith
U. S. Geol. Sur. Prof. Paper 83, 1914, p. 107, pl. LXIII, figs. 1–14
Formation: Triassic
Location: West Humboldt range, Nevada
- *beecheri* n. sp. Smith
U. S. Geol. Sur. Prof. Paper 83, 1914, p. 94, pl. XLIII, figs. 15–26
Formation: Triassic
Location: West Humboldt range, Nevada
- (*Gymnotoceras*) *beckeri* n. sp. Smith
U. S. Geol. Sur. Prof. Paper 83, 1914, p. 109, pl. III, figs. 4, 5, 7–9; pl. LXVI, figs. 10–20
Formation: Triassic
Location: West Humboldt range, Nevada
- (*Gymnotoceras*) *blakei* (Gabb) Smith
U. S. Geol. Sur. Prof. Paper 83, 1914, p. 109, pl. III, figs. 10–20;

- pl. XVI, figs. 8-10; pl. LXV, figs. 14-19; pl. LXVI, figs. 1-9
 Formation: Triassic
 Location: West Humboldt range, Nevada
- (*Gymnotoceras*) *blakei* (Gabb) Hyatt and Smith
 U. S. Geol. Sur. Prof. Paper 40, 1905, p. 173, pl. XXII, figs. 1-23
 Formation: Triassic
 Location: California
- (*Gymnotoceras*) *blakei* (Gabb) Smith
 Cal. Acad. Sci. Proc., 3rd ser., vol. 1, 1904, p. 387, pl. XLIII, figs. 9, 10; pl. XLIV, figs. 2, 3
 Formation: Triassic
 Location: Nevada
- (*Paraceratites*) *burckhardti* n. sp. Smith
 U. S. Geol. Sur. Prof. Paper 83, 1914, p. 90, pl. LII, figs. 19-21
 Formation: Triassic
 Location: West Humboldt range, Nevada
- (*Paraceratites*) *Clarkei* n. sp. Smith
 U. S. Geol. Sur. Prof. Paper 83, 1914, p. 91, pl. XL, figs. 15-23; pl. LII, figs. 1-11
 Formation: Triassic
 Location: West Humboldt range, Nevada
- *cornutus* n. sp. Smith
 U. S. Geol. Sur. Prof. Paper 83, 1914, p. 98, pl. LXII, figs. 1-17
 Formation: Triassic
 Location: West Humboldt range, Nevada
- *crassicornu* n. sp. Smith
 U. S. Geol. Sur. Prof. Paper 83, 1914, p. 95, pl. XLIII, figs. 11-14
 Formation: Triassic
 Location: West Humboldt range, Nevada
- (*Paraceratites*) *cricchi* n. sp. Smith
 U. S. Geol. Sur. Prof. Paper 83, 1914, p. 87, pl. XXXVII, figs. 6-13; pl. XXXVIII, figs. 1-12; pl. XLVII, figs. 19-24
 Formation: Triassic
 Location: West Humboldt range, Nevada
- *ecarinatus* (Hauer) Smith
 U. S. Geol. Sur. Prof. Paper 83, 1914, p. 96, pl. XLIV, figs. 1-3
 Formation: Triassic
 Location: West Humboldt range, Nevada
- *emmonsii* n. sp. Smith
 U. S. Geol. Sur. Prof. Paper 83, 1914, p. 98, pl. LX, figs. 13-21
 Formation: Triassic
 Location: West Humboldt range, Nevada
- *fissicostatus* (Hauer) Smith
 U. S. Geol. Sur. Prof. Paper 83, 1914, p. 96, pl. LIII, figs. 1-3
 Formation: Triassic
 Location: West Humboldt range, Nevada
- (*Paraceratites*) *gabbi* (Meek) Smith
 U. S. Geol. Sur. Prof. Paper 83, 1914, p. 88, pl. V, figs. 1, 2; pl. XV, figs. 4, 4a
 Formation: Triassic
 Location: West Humboldt range, Nevada
- *gilberti* n. sp. Smith
 U. S. Geol. Sur. Prof. Paper 83, 1914, p. 84, pl. XCVIII, figs. 1-3
 Formation: Triassic

- Location: West Humboldt range, Nevada
- *haguei* n. sp. Smith
U. S. Geol. Sur. Prof. Paper 83, 1914, p. 97, pl. XLII, figs. 1-5;
pl. XLIII, figs. 1-10
Formation: Triassic
Location: West Humboldt range, Nevada
 - (*Gymnotoceras*) *hersheyi* n. sp. Smith
U. S. Geol. Sur. Prof. Paper 83, 1914, p. 110, pl. XCIII, figs. 1-14
Formation: Triassic
Location: West Humboldt range, Nevada
 - *humboltensis* n. sp. Hyatt and Smith
U. S. Geol. Sur. Prof. Paper 40, 1905, p. 170, pl. LXII, figs. 1-23
Formation: Triassic
Location: Nevada
 - *humboldtensis* (Hyatt and Smith) Smith
Leland Stan., Jr., Univ. Pub., 1914, pl. V, figs. 20-26
Formation: Middle Triassic
Location: Nevada
 - *humboldtensis* (Hyatt and Smith) Smith
U. S. Geol. Sur. Prof. Paper 83, 1914, p. 99, pl. VII, figs. 1-23;
pl. LXI, figs. 1-15
Formation: Triassic
Location: West Humboldt range, Nevada
 - *karpinskyi* n. sp. Smith
U. S. Geol. Sur. Prof. Paper 83, 1914, p. 100, pl. XLIV, figs. 4-20
Formation: Triassic
Location: West Humboldt range, Nevada
 - *kingi* n. sp. Smith
U. S. Geol. Sur. Prof. Paper 83, 1914, p. 85, pl. XLI, figs. 1-13
Formation: Triassic
Location: West Humboldt range, Nevada
 - (*Philippites*) *lawsoni* n. sp. Smith
U. S. Geol. Sur. Prof. Paper 83, 1914, p. 108, pl. LVI, figs. 1-3;
pl. LVII, figs. 1-17
Formation: Triassic
Location: West Humboldt range, Nevada
 - (*Gymnotoceras*) *meeki* (Mojsisovics) Smith
U. S. Geol. Sur. Prof. Paper 83, 1914, p. 111, pl. XIV, figs. 10a-c;
pl. LXIX, figs. 1-19
Formation: Triassic
Location: West Humboldt range, Nevada
 - (*Hollandites*) *montis-bovis* n. sp. Smith
U. S. Geol. Sur. Prof. Paper 83, 1914, p. 105, pl. LVIII, figs. 1-20
Formation: Triassic
Location: West Humboldt range, Nevada
 - *nevadanus* (Mojsisovics) Smith
U. S. Geol. Sur. Prof. Paper 83, 1914, p. 101, pl. XV, figs. 6, 6a;
pl. LXIV, figs. 1-14; pl. LXV, figs. 1-13
Formation: Triassic
Location: West Humboldt range, Nevada
 - (*Paraceratites*) *newberryi* n. sp. Smith
U. S. Geol. Sur. Prof. Paper 83, 1914, p. 92, pl. XL, figs. 1-14
Formation: Triassic
Location: West Humboldt range, Nevada
 - *occidentalis* n. sp. Smith

- U. S. Geol. Sur. Prof. Paper 83, 1914, p. 84, pl. XLIV, figs. 21-28;
pl. XLV, figs. 1-13
Formation: Triassic
Location: West Humboldt range, Nevada
- (*Hollandites*) *organi* n. sp. Smith
U. S. Geol. Sur. Prof. Paper 83, 1914, p. 105, pl. LIV, figs. 1-9;
pl. LV, figs. 1-30
Formation: Triassic
Location: West Humboldt range, Nevada
- *pilatus* n. sp. Smith
U. S. Geol. Sur. Prof. Paper 83, 1914, p. 102, pl. XLVI, figs. 1-16
pl. LXXXIX, figs. 10-13
Formation: Triassic
Location: West Humboldt range, Nevada
- (*Philippites*) *ransomei* n. sp. Smith
U. S. Geol. Sur. Prof. Paper 83, 1914, p. 108, pl. XCIX, figs. 1-4
Formation: Triassic
Location: Wheeler mine, Unionville, West Humboldt range,
Nevada
- *rectangularis* n. sp. Smith
U. S. Geol. Sur. Prof. Paper 83, 1914, p. 85, pl. XLI, figs. 14, 15
Formation: Triassic
Location: West Humboldt range, Nevada
- *rotuloides* n. sp. Smith
U. S. Geol. Sur. Prof. Paper 83, 1914, p. 80, pl. XLVII, figs. 1-10
Formation: Triassic
Location: West Humboldt range, Nevada
- (*Gymnotoceras*) *russelli* n. sp. Smith
U. S. Geol. Sur. Prof. Paper 83, 1914, p. 111, pl. III, figs. 1-3, 6;
pl. LXVII, figs. 1-15
Formation: Triassic, Daonella zone
Location: West Humboldt range and Desatoya mountains,
Nevada
- *spinifer* n. sp. Smith
U. S. Geol. Sur. Prof. Paper 83, 1914, p. 103, pl. LIX, figs. 1-10;
pl. LX, figs. 1-12
Formation: Triassic
Location: West Humboldt range, Nevada
- (*Gymnotoceras*) *spurri* n. sp. Smith
U. S. Geol. Sur. Prof. Paper 83, 1914, p. 112, pl. LXVII, figs.
16-18
Formation: Triassic
Location: West Humboldt range, Nevada
- (*Paraceratites*) *taurus* n. sp. Smith
U. S. Geol. Sur. Prof. Paper 83, 1914, p. 88, pl. XXXV, figs. 1-3
Formation: Triassic
Location: West Humboldt range, Nevada
- *tenuispiralis* n. sp. Smith
U. S. Geol. Sur. Prof. Paper 83, 1914, p. 81, pl. XLVI, figs. 17-25
Formation: Triassic
Location: West Humboldt range, Nevada
- (*Paracratites*) *trinodosus* (Mojsisovics) Smith
U. S. Geol. Sur. Prof. Paper 83, 1914, p. 92, pl. XXXIX, figs.
1-19; pl. LII, figs. 12-18
Formation: Triassic

- Location: Near Fitting post office, West Humboldt range, Nevada
- (*Paraceratites*) *trojanus* n. sp. Smith
U. S. Geol. Sur. Prof. Paper 83, 1914, p. 88, pl. XXXVI, figs. 1-5;
pl. XXXVII, figs. 1-5
Formation: Triassic
Location: West Humboldt range, Nevada
- *vogdesi* n. sp. Smith
Cal. Acad. Sci. Proc., 3rd ser., vol. 1, 1904, p. 385, pl. XLIII,
figs. 7-8; pl. XLIV, fig. 1
Formation: Triassic
Location: Nevada
- (*Paraceratites*) *vogdesi* Smith
U. S. Geol. Sur. Prof. Paper 83, 1914, p. 89, pl. XXXV, figs. 4-9
Formation: Triassic
Location: West Humboldt range, Nevada
- (*Paraceratites*) *wardi* n. sp. Smith
U. S. Geol. Sur. Prof. Paper 83, 1914, p. 94, pl. LIII, figs. 4-8
Formation: Triassic
Location: West Humboldt range, Nevada
- *washburnei* n. sp. Smith
U. S. Geol. Sur. Prof. Paper 83, 1914, p. 103, pl. XCII, figs. 9-17
Formation: Triassic
Location: West Humboldt range, Nevada
- *weaveri* n. sp. Smith
U. S. Geol. Sur. Prof. Paper 83, 1914, p. 82, pl. XCVIII, figs. 4-7
Formation: Triassic
Location: West Humboldt range, Nevada
- (*Gymnotoceras*) *wemplei* n. sp. Smith
U. S. Geol. Sur. Prof. Paper 83, 1914, p. 113, pl. LXVIII, figs. 1-9
Formation: Triassic
Location: West Humboldt range, Nevada
- *williamsi* n. sp. Smith
U. S. Geol. Sur. Prof. Paper 83, 1914, p. 83, pl. XLVII, figs. 11-18
Formation: Triassic
Location: West Humboldt range, Nevada
- Ceratitidae* Hyatt and Smith
U. S. Geol. Sur. Prof. Paper 40, 1905, p. 156, no pl.
Formation: Triassic
- Ceratitoidea* Hyatt and Smith
U. S. Geol. Sur. Prof. Paper 40, 1905, p. 114, no pl.
Formation: Triassic
- Cercomya peculiaris* (Conrad) Weller
Geol. Sur. N. J. Pal., vol. 4, 1907, p. 518, pl. LVI, figs. 13, 14
Formation: Cretaceous, Woodbury clay
Location: New Jersey
- Cercomya*—see *Anatina*
- Cerithium* (Brugière) Gardner
Maryland Geol. Sur., U. Cret., 1916, p. 481, no pl.
- *Aguilerae* n. sp. Böse
Inst. Geol. de México, Bol. 24, 1906, p. 70, Lám. XV, fig. 24-27
Formation: Cretaceous, Lower Senonian
Location: Near Cárdenas
- *arcuiferum* n. sp. Cragin

- U. S. Geol. Sur. Bull. 266, 1905, p. 99, pl. XX, fig. 13
 Formation: Jurassic
 Location: Malone, Texas
- *sp. aff. arcuiferum* (Stanton) Roig
 Secretaría de Agr., Comercia y Trabajo Bol. Especial Habana
 Cuba 1920, p. 46, pl. 15, fig. 6
 Formation: Jurassic, Oxfordian
 Location: Puerta del Ancón
- *bosquense* (Shum) Cragin
 Texas Geol. Sur. 4th Ann. Rept., 1893, p. 220, pl. XLII, figs. 9, 10
 Formation: Cretaceous, "Exogyra Texana" beds
 Location: Texas; Oklahoma
- *branneri* n. sp. Hall and Ambrose
 The Nautilus vol. 30, No. 6, 1916, p. 70
 Formation: Cretaceous, Chico
 Location: Tesla and Corral Hollow, California
- *Cuauhtemoci* n. sp. Böse
 Inst. Geol. de México Bol. 24, 1906 p. 72, Lám. XXI, fig. 3
 Formation: Cretaceous, Lower Senonian
 Location: Near Cárdenas, Mexico
- *fairbanksi* n. sp. Cooper
 Cal. State Mining Bureau, Bull. 4, 1894, p. 44, pl. I, fig. 12
 Formation: Cretaceous
 Location: San Diego, California
- *harveyi* n. sp. Whiteaves
 Can. Geol. Sur. Mesozoic Fossils, 1903, pt. 5, p. 362, pl. LXIII,
 fig. 7
 Formation: Cretaceous
 Location: Vancouver Island
- *hilli* n. sp. Whitney
 Texas Acad. Sci. Trans., vol. 12, 1913, p. 21, pl. X, fig. 4
 Formation: Cretaceous, Buda
 Location: Austin, Texas
- *hilli* n. sp. Whitney
 Univ. of Texas Bull. 184, 1911, p. 21, pl. X, fig. 4
 Formation: Cretaceous, Buda
 Location: Austin, Texas
- *interlineatum* n. sp. Cragin
 Texas Geol. Sur. 4th Ann. Rept., 1893, p. 221, no pl.
 Formation: Cretaceous, Lower Cross Timber Sandstone
 Location: Denton county, Texas
- *paskentaenis* n. sp. Stanton
 U. S. Geol. Sur. Bull. 133, 1895, p. 71, pl. XIII, figs. 5, 6
 Formation: Cretaceous
 Location: Paskenta, California
- *pilsbryi* (Whitfield) Gardner
 Maryland Geol. Sur., U. Cret., 1916, p. 481, no pl.
 Formation: Cretaceous, Matawan
 Location: Maryland; New Jersey
- *pilsbryi* (Whitfield) Weller
 Geol. Sur. N. J. Pal., vol. 4, 1907, p. 708, pl. LXXXI, figs. 3-5
 Formation: Cretaceous, Merchantville clay marl
 Location: New Jersey
- *potosianum* n. sp. Böse

- Inst. Geol. de México, Bol. 24, 1906, p. 69, Lám. XV, fig. 23, 25, 26
 Formation: Cretaceous, Lower Senonian
 Location: Mexico
- **proctori** n. sp. Cragin
 Texas Geol. Sur., 4th Ann. Rep., 1893, p. 222, pl. XLII, figs. 11, 12
 Formation: Cretaceous
 Location: Austin, Texas
- **shumardi** n. sp. Whitney
 Univ. of Texas Bull. 184, 1911, p. 21, pl. X, fig. 3
 Formation: Cretaceous, Buda
 Location: Austin, Texas
- **shumardi** n. sp. Whitney
 Texas Acad. Sci. Trans., vol. 12, 1913, p. 21, pl. X, fig. 3
 Formation: Cretaceous, Buda
 Location: Austin, Texas
- **aff. Simonyi** (Zek) Böse
 Inst. Geol. de México, Bol. 24, 1906, p. 73, Lám. XVI, fig. 1, 2
 Formation: Cretaceous, Lower Senonian
 Location: Mexico
- sp. Stanton
 U. S. Geol. Sur. Bull. 133, 1895, p. 71, no pl.
 Formation: Cretaceous, Knoxville beds
 Location: California
- ? sp. Stanton
 U. S. Geol. Sur. Mon. 32, pt. 2, 1899, p. 639, no pl.
 Formation: Mesozoic
 Location: Yellowstone National Park
- **stantoni** n. sp. Whitney
 Univ. of Texas Bull. 184, 1911, p. 20, pl. X, figs. 1, 2
 Formation: Cretaceous, Buda
 Location: Austin, Texas
- **stantoni** n. sp. Whitney
 Texas Acad. Sci. Trans. vol. 12, 1913, p. 20, pl. X, figs. 1, 2
 Formation: Cretaceous, Buda
 Location: Austin, Texas
- **strigosum** n. sp. Stanton
 U. S. Geol. Sur. Bull. 133, 1895, p. 71, pl. XIII, fig. 7
 Formation: Cretaceous, Knoxville beds
 Location: Paskenta, California
- **subcarnaticum** var. **acuticostatum** Böse
 Inst. Geol. de México, Bol. 24, 1906, p. 69, Lám. XV, fig. 14-18
 Formation: Cretaceous, Lower Senonian
 Location: Near Cárdenas, Mexico
- **subcarnaticum** n. sp. Böse
 Inst. Geol. de México, Bol. 24, 1906, p. 67, Lám. XV, figs. 19-22
 Formation: Cretaceous, Lower Senonian
 Location: Near Cárdenas, Mexico
- ? **texanum** n. sp. Shattuck
 U. S. Geol. Sur. Bull. 205, 1903, p. 32, pl. XIX, figs. 7, 8
 Formation: Cretaceous, Buda
 Location: Austin, Texas
- **tramitense** n. sp. Cragin
 Texas Geol. Sur. 4th Ann. Rep., 1893, p. 220, no pl.
 Formation: Cretaceous, Lower Cross Timber sandstone
 Location: Denton county, Texas

- *vancouverense* n. sp. Whiteaves
 Can. Geol. Sur. Mesozoic Fossils, vol. 1, 1903. pt. 5, p. 361, pl. 43,
 fig. 6
 Formation: Cretaceous
 Location: Vancouver Island
- Charydrobia stachei* n. sp. White
 U. S. Geol. Sur. Bull. 128, 1895, p. 58, pl. X, figs. 7-9
 Formation: Cretaceous, Bear River formation
 Location: Near Cokeville, Wyoming
- Chemnitzia* ? *coalvillensis* (Meek) Herrick and Johnson
 Denison Univ. Sci. Lab. Bull. vol. 11, art. 9, 1900, p. 209, pl.
 XXVIII, fig. 5
 Formation: Cretaceous
 Location: New Mexico
- ? *coalvillensis* (Meek) Stanton
 U. S. Geol. Sur. Bull. 106, 1893, p. 141, pl. XXX, figs. 10, 11
 Formation: Cretaceous
 Location: Utah
- *hamptonensis* (Morris and Lycett) Ravn
 Meddelelser om Grönland, vol. 45, 1911, p. 481, pl. XXXV, fig. 8
 Formation: Jurassic
 Location: "Kloft I" "4 Saenkning" Store Koldewey Island,
 Greenland
- *hamptonensis* (Morris and Lycett) Ravn
 Copenhagen Univ. Min. and Geol. Mus. Comm. Paleont. No. 10,
 1911, p. 484, pl. XXXV, fig. 8
 Formation: Jurassic
 Location: "Kloft I" "4 Saenkning" Store Koldewey Island,
 Greenland
- sp. Stanton
 U. S. Geol. Sur. Bull. 106, 1893, p. 142, no pl.
 Formation: Cretaceous
 Location: Utah
- *undulata* (Tullberg sp.) Ravn
 Meddelelser om Grönland, vol. 45, 1911, p. 483
 Formation: Jurassic
 Location: "Kloft I," "4 Saenkning," Store Koldewey Island,
 Greenland
- *undulata* (Tullberg sp.) Ravn
 Copenhagen Univ. Min. and Geol. Mus. Comm. Paleont. No. 10,
 1911, p. 483
 Formation: Jurassic
 Location: "Kloft I," "4 Saenkning," Store Koldewey Island,
 Greenland
- Chione* (?) *decepta* n. sp. Hill
 Wash. Biol. Soc. Proc., vol. 8, 1893, p. 27, pl. I, figs. 9, 10
 Formation: Cretaceous, Glen Rose beds
 Location: Texas
- Chondrilla* sp. Merrill
 Harv. Coll. Mus. Comp. Zool. Bull., vol. 28, No. 1, 1896, p. 16,
 fig. 17
 Formation: Cretaceous flint
 Location: Texas
- Chondrodonta* n. gen. Stanton
 Type: *Ostrea munsoni* Hill

- U. S. Nat. Mus. Proc., vol. 24, 1902, p. 302
 Formation: Cretaceous, Edwards limestone
 Location: Texas
- *glabra* n. sp. Stanton
 U. S. Nat. Mus. Proc., vol. 24, 1902, p. 306, pl. XXVI, figs. 1-3
 Formation: Cretaceous, Glen Rose
 Location: Texas
- *munsoni* Hill, Stanton
 U. S. Nat. Mus. Proc., vol. 24, 1902, p. 303, pl. XXV, figs. 1-5
 Formation: Cretaceous, Edwards
 Location: Texas
- Choristoceras suttonensis* n. sp. Clapp and Shimer
 Bost. Soc. Nat. Hist. Proc., vol. 34, No. 12, 1911, p. 434, pl. XI,
 figs. 4-6
 Formation: Jurassic
 Location: Cowichan Lake, Vancouver
- Cidaris bellefourchensis* n. sp. Whitfield and Hovey
 Bull. Amer. Mus. Nat. Hist., vol. 22, 1906, p. 391, pl. XLII, fig. 5
 Formation: Jurassic
 Location: Black Hills
- *californicus* (Clark) Clark and Twitchell
 U. S. Geol. Sur., Mon. 54, 1915, p. 30, pl. IV, figs. 1a-c
 Formation: Jurassic
 Location: Plumas county, California
- *californicus* (Clark) Clark
 U. S. Geol. Sur., Bull. 97, 1893, p. 36, pl. VI, figs. 1a-b
 Formation: Jurassic
 Location: California
- *dilleri* Clark n. sp. Clark and Twitchell
 U. S. Geol. Sur. Mon. 54, 1915, p. 23, pl. I, fig. 6
 Formation: Triassic
 Location: Shasta county, California
- *dixiensis* (Cragin) Clark and Twitchell
 U. S. Geol. Sur. Mon. 54, 1915, p. 47, pl. IX, figs. 7a-b
 Formation: Cretaceous, Taylor marl
 Location: Dallas, Texas
- *dixiensis* n. sp. Cragin
 Texas. Geol. Sur., 4th Ann. Rept., 1893, p. 146, pl. XLVI, figs.
 15, 16
 Formation: Cretaceous, "Contact between Chalk and Pon-
 derosa marl"
 Location: Dallas, Texas
- ? *nabalakensis* (De Loriol) Clark and Twitchell
 U. S. Geol. Sur. Mon. 54, 1915, p. 48, no pl.
 Formation: Cretaceous, Selma Chalk
 Location: Kemper county, Mississippi
- *plumasensis* (Clark) n. sp. Clark and Twitchell
 U. S. Geol. Sur. Mon. 54, 1915, p. 31, pl. IV, fig. 3
 Formation: Jurassic, Hardgrave Sandstone
 Location: Plumas county, California
- *shastensis* (Clark) n. sp. Clark and Twitchell
 U. S. Geol. Sur. Mon. 54, 1915, p. 23, pl. I, fig. 5
 Formation: Triassic
 Location: Shasta county, California
- sp. Clark
 Maryland Geol. Sur., U. Cret., 1916, p. 749, no pl.

- Formation: Cretaceous, Rancocas
Location: Delaware
- *sp. Cragin*
Texas Geol. Sur., 4th Ann. Rept., 1893, p. 164, no pl.
Formation: Cretaceous, Fort Worth limestone
Location: Austin, Texas
- *splendens* (Morton) Clark and Twitchell
U. S. Geol. Sur., Mon. 54, 1915, p. 46, pl. IX, figs. 4a-b, 5a-f, 6
Formation: Cretaceous, Rancocas
Location: Timber creek and Vincentown, New Jersey
- *splendens* (Morton) Clark
U. S. Geol. Sur. Bull. 97, 1893, p. 33, pl. VI, figs. 3a-g
Formation: Cretaceous
Location: New Jersey
- *splendens* (Morton) Weller
Geol. Sur. N. J. Pal., vol. 4, 1907, p. 279, pl. VII, figs. 1-9
Formation: Cretaceous, Vincentown limesand
Location: Vincentown, New Jersey
- *taylorensis* (Clark) Clark and Twitchell
U. S. Geol. Sur. Mon. 54, 1915, p. 30, pl. IV, figs. 2a, b
Formation: Jurassic, Hardgrave sandstone
Location: Plumas county, California
- *taylorensis* (Clark) Clark
U. S. Geol. Sur. Bull. 97, 1893, p. 35, pl. VI, figs. 2a, b
Formation: Jurassic
Location: California
- *tehamaensis* (Clark) Clark and Twitchell
U. S. Geol. Sur. Mon. 54, 1915, p. 44, pl. IX, fig. 1
Formation: Cretaceous, Knoxville
Location: Tehama county, California
- *texanus* (Clark) Clark and Twitchell
U. S. Geol. Sur. Mon. 54, 1915, p. 45, pl. IX, figs. 2a, b
Formation: Cretaceous, Washita
Location: Bexar county, Texas
- *texanus* (Clark) Clark
U. S. Geol. Sur., Bull. 97, 1893, p. 36, pl. VII, figs. 1a-e
Formation: Cretaceous, Washita formation
Location: Bexar county, Texas
- *walcotti* (Clark) Clark
U. S. Geol. Sur. Bull. 97, 1893, p. 37, pl. VI, figs. 4a-d
Formation: Cretaceous
Location: New Jersey
- *walcotti* (Clark) Clark and Twitchell
U. S. Geol. Sur. Mon. 54, 1915, p. 45, pl. IX, figs. 3a-d
Formation: Cretaceous, Rancocas
Location: Vincentown, New Jersey
- *walcotti* (Clark) Weller
Geol. Sur. N. J. Pal., vol. 4, 1907, p. 281, pl. VII, figs. 10-13
Formation: Cretaceous, Vincentown limesand
Location: Vincentown, New Jersey
- Cinulia* Gray, Gardner
Maryland Geol. Sur., U. Cret., 1916, p. 401, no pl.
Formation: Cretaceous
- *conradi* n. sp. Whitney
Univ. of Texas Bull. 184, 1911, p. 23, pl. X, figs. 5-7

- Formation: Cretaceous, Buda
 Location: Austin, Texas
- **conradi** n. sp. Whitney
 Texas Acad. Sci. Trans., vol. 12, 1913, p. 23, pl. X, figs. 5-7
 Formation: Cretaceous, Buda limestone
 Location: Austin, Texas
- **costata** n. sp. Johnson
 Phila. Acad. Nat. Sci. Proc., 1898, p. 462, fig. 1
 Formation: Cretaceous
 Location: New Jersey
- **naticoides** (Gabb) Weller
 Geol. Sur. N. J. Pal., vol. 4, 1907, p. 811, pl. XCIX, figs. 12, 13
 Formation: Cretaceous, Navesink marl
 Location: New Jersey
- **naticoides** (Meek) Gardner
 Maryland Geol. Sur., U. Cret., 1916, p. 402, no pl.
 Formation: Cretaceous, Monmouth, Matawan
 Location: Maryland. New Jersey
- (**Oligoptycha**) **naticoides** Whitfield
 Geol. Sur. N. J., vol. 2, 1892, p. 161, pl. XIX, figs. 28-30
 Formation: Cretaceous, Lower Green Marls
 Location: New Jersey
- **obliqua** Gabb Whiteaves
 Geol. Sur. Can. Mesozoic Fossils, 1903, vol. 1, pt. 5, p. 354, no pl.
 Formation: Cretaceous
 Location: Vancouver Island
- **ovoidea** Whitfield
 Geol. Sur. N. J., vol. 2, 1892, p. 162, pl. XX, figs. 5, 6
 Formation: Cretaceous, Lower Green Marls
 Location: New Jersey
- **ovoidea** Whitfield
 U. S. Geol. Sur. Mon. 18, 1892, p. 162, pl. XX, figs. 5, 6
 Formation: Cretaceous, Lower Green Marls
 Location: Crosswicks, New Jersey
- **pelleti** n. sp. Whitney
 Univ. of Texas Bull. 184, 1911, p. 23, pl. X, figs. 9-11
 Formation: Cretaceous, Buda
 Location: Austin, Texas
- **pelleti** n. sp. Whitney
 Texas Acad. Sci. Trans., vol. 12, 1913, p. 23, pl. X, figs. 9-11
 Formation: Cretaceous, Buda limestone
 Location: Austin, Texas
- **tarrantensis** n. sp. Cragin
 Texas Geol. Sur., 4th Ann. Rept., 1893, p. 223, pl. XLII, figs. 1, 2
 Formation: Cretaceous, top of *Exogyra texana* bed
 Location: Texas
- **washitaensis** n. sp. Adkins
 Univ. of Texas Bull. No. 1856, 1918, p. 143, pl. X, figs. 33-37
 Formation: Cretaceous. Weno
 Location: Gainesville, Texas
- Cistella beecheri** n. sp. Clark
 Johns Hopkins Univ. Cir., vol. 15, No. 121, 1895, p. 3, pl. fig. C
 Formation: Rancocas
 Location: Vincentown, New Jersey
- **beecheri** (Clark) Weller

- Geol. Sur. N. J. Pal., vol. 4, 1907, p. 361, pl. XXVII, figs. 14-17
 Formation: Cretaceous, Vincentown limesand
 Location: Vincentown, New Jersey
- *plicatilis* n. sp. Clark
 Johns Hopkins Univ. Cir., vol. 15, No. 121, 1895, p. 3, pl. fig. D
 Formation: Rancocas
 Location: Vincentown, New Jersey
- *plicatilis* (Clark) Weller
 Geol. Sur. N. J. Pal., vol. 4, 1907, p. 362, no pl.
 Formation: Cretaceous, Vincentown limesand
 Location: Vincentown, New Jersey
- Cithara crosswickensis* n. sp. Whitfield
 Geol. Sur. N. J., vol. 2, 1892, p. 107, pl. XIII, figs. 7, 8
 Formation: Cretaceous, Lower Green Marls
 Location: New Jersey
- *crosswickensis* n. sp. Whitfield
 U. S. Geol. Sur. Mon. 18, 1892, p. 107, pl. XIII, figs. 7, 8
 Formation: Cretaceous, Lower Green Marls
 Location: New Jersey
- *crosswickensis* (Whitfield) Weller
 Geol. Sur. N. J., Pal., vol. 4, 1907, p. 803, pl. XCVIII, figs. 20-21
 Formation: Cretaceous, Navesink marl
 Location: New Jersey
- *mullicaensis* (Whitfield) Weller
 Geol. Sur. N. J. Pal., vol. 4, 1907, p. 804, pl. XCVIII, figs. 22-28
 Formation: Cretaceous, Navesink marl
 Location: New Jersey
- *mullicaensis* n. sp. Whitfield
 Geol. Sur. N. J., vol. 2, 1892, p. 106, pl. XIII, figs. 2-6
 Formation: Cretaceous, Lower Green Marls
 Location: New Jersey
- *mullicaensis* n. sp. Whitfield
 U. S. Geol. Sur. Mon. 18, 1892, p. 106, pl. XIII, figs. 2-6
 Formation: Cretaceous, Lower Green Marls
 Location: Mullica Hill, New Jersey
- Cladocora Jamaicensis* n. sp. Vaughan
 Harv. Coll. Mus. Comp. Zool. Bull., vol. 34, 1899, p. 234, pl. XXXVI, fig. 5-7
 Formation: Cretaceous, Blue Mountain series
 Location: Solomon Mountain west of Mint. Westmoreland Parish, Jamaica
- Clausia americana* (Gabb and Horn) Weller
 Geol. Sur. N. J. Pal., vol. 4, 1907, p. 325, pl. XXII, fig. 11
 Formation: Cretaceous, Vincentown limesand
 Location: Vincentown, New Jersey
- Clavagella armata* (Morton) Weller
 Geol. Sur. N. J. Pal., vol. 4, 1907, p. 525, pl. LVIII, fig. 1, 2
 Formation: Cretaceous, Navesink marl
 Location: New Jersey
- Clavellatae* (Agassiz)
 Example: *Trigonia clavellata* (Parkinson) Packard
 University of Oregon Pub., vol. 1, No. 9, 1921, p. 12, pl. I, fig. 2
 Formation: Jurassic-Cretaceous
- Clavulina communis* (d'Orbigny) Woodward

- New York Microscopical Soc. Journ., vol. X, No. 4, 1894, p. 98
 Formation: Cretaceous
 Location: Timber Creek, N. J.
- **communis** (d'Orbigny) Weller
 Geol. Sur. N. J. Pal., vol. 4, 1907, p. 198
 Formation: Cretaceous, Vincentown limesand
 Location: Brownsville, New Jersey
- **communis** (d'Orbigny) Baggs
 U. S. Geol. Sur. Bull. 88, 1893, p. 32, no. pl.
 Formation: Cretaceous to Recent, Rancocas
 Location: New Jersey
- **parisiensis** (d'Orbigny) Weller
 Geol. Sur. N. J. Pal., vol. 4, 1907, p. 199, pl. I, fig. 25
 Formation: Cretaceous, Vincentown limesand
 Location: Brownsville, New Jersey
- **parisiensis** (d'Orbigny) Baggs
 U. S. Geol. Sur. Bull. 88, 1898, p. 32, no pl.
 Formation: Cretaceous to Recent, Rancocas
 Location: New Jersey
- Clionites** (**Neanites**) **californicus** n. sp. Hyatt and Smith
 U. S. Geol. Sur. Prof. Paper 40, 1905, p. 190, pl. LXXXIII,
 figs. 14-27
 Formation: Triassic
 Location: Shasta county, California
- (**Neanites**) **californicus** (Hyatt and Smith) Smith
 Leland Stanford Jr. Univ. Pub., 1914, pl. XV, figs. 17-20
 Formation: Upper triassic
 Location: California
- (**Shastites**) **compressum** n. sp. Hyatt and Smith
 U. S. Geol. Sur. Prof. Paper 40, 1905, p. 188, pl. XLIII, figs. 1-15
 Formation: Triassic
 Location: Shasta county, California
- **fairbanksi** n. sp. Hyatt and Smith
 U. S. Geol. Sur. Prof. Paper 40, 1905, p. 183, pl. XL, figs. 1-11,
 pl. XLI, figs. 1-14
 Formation: Triassic
 Location: Shasta county, California
- (**Californites**) **Merriami** (Hyatt and Smith) Smith
 Leland Stanford Jr. Univ. Pub., 1914, pl. XV, figs. 9-12
 Formation: Upper triassic
 Location: California
- **Mojsisovics**, Hyatt and Smith
 U. S. Geol. Sur. Prof. Paper 40, 1905, p. 181, no pl.
 Formation: Triassic
 Location: California
- (**Traskites**) **robustus** (Hyatt and Smith) Smith
 Leland Stanford Jr. Univ. Pub., 1914, pl. XV, figs. 1-8
 Formation: Upper triassic
 Location: California
- (**Traskites**) **robustus** n. sp. Hyatt and Smith
 U. S. Geol. Sur. Prof. Paper 40, 1905, p. 186, pl. XLII, figs. 1-19
 Formation: Triassic
 Location: California
- (**Stantonites**) **rogosus** n. sp. Hyatt and Smith
 U. S. Geol. Sur. Prof. Paper 40, 1905, p. 185, pl. XLI, figs. 15-26

- Formation: Triassic
 Location: Shasta county, California
- *sp. indt.* Burekhardt
 Inst. Geol. de México Bol. 21, 1905, p. 8, Lám. I, fig. 3a, b
 Formation: Triassic
 Location: Puente de Ahogado, Zacatecas
- Clisocolus cerdatus** (Whiteaves) Whiteaves
 Geol. Sur. Can. Mesozoic Fossils, 1903, vol. I, pt. 5, p. 384, no pl.
 Formation: Cretaceous
 Location: Vancouver Island
- *dubius* (Gabb) Whiteaves
 Geol. Sur. Can. Mesozoic Fossils, vol. 1, pt. 5, 1903, p. 383, no pl.
 Formation: Cretaceous
 Location: Vancouver Island
- Clypites** Waagen, Hyatt and Smith
 U. S. Geol. Sur. Prof. Paper 40, 1905, p. 102, no pl.
 Formation: Triassic
 Location: Idaho
- *tenuis* n. sp. Hyatt and Smith
 U. S. Geol. Sur. Prof. Paper 40, 1905, p. 103, pl. I, figs. 4-8
 Formation: Triassic
 Location: Soda Springs, Idaho
- Coccoliths and Rhabdoliths** (Woodward and Thomas)
 Geol. and Nat. Hist. Sur. of Minn., vol. 3, pt. 1., 1895, p. 49, pl. E, figs. 1, 2
 Formation: Cretaceous
 Location: New Ulm, Minnesota
- Codiopsis texana** n. sp. Whitney
 Bull. Amer. Pal., vol. 5, No. 26, 1916, p. 7. pl. III, figs. 1-4, pl. VI, fig. 2
 Formation: Cretaceous, Buda
 Location: Austin, Texas
- Coeloptychium ? jerseyense** n. sp. Shimer and Powers
 U. S. Nat. Mus. Proc., vol. 46, 1914, p. 155, pl. VII
 Formation: Cretaceous, Navesink beds
 Location: New Jersey. Atlantic Highlands
- Coilophoceratidae** Hyatt
 U. S. Geol. Sur. Mon. 44, 1903. p. 88, no pl.
 Formation: Cretaceous
- Coilophoceras** n. gen. Hyatt
 U. S. Geol. Sur., Mon. 44, 1903, p. 91, no pl.
 Formation: Cretaceous
- *colleti* n. sp. Hyatt
 U. S. Geol. Sur., Mon. 44, 1903, p. 91, pl. X, figs. 5-21. pl. XI, fig. 1
 Formation: Cretaceous
 Location: Carthage, New Mexico
- *springeri* n. sp. Hyatt
 U. S. Geol. Sur., Mon. 44, 1903, p. 96, pl. XII, figs. 1-3
 Formation: Cretaceous
 Location: New Mexico
- *novimexicanum* n. sp. Hyatt
 U. S. Geol. Sur., Mon. 44, 1903, p. 94, pl. X, figs. 1-4
 Formation: Cretaceous
 Location: New Mexico

- Columbites** n. gen. Hyatt and Smith
 U. S. Geol. Sur. Prof. Paper 40, 1905, p. 50, no pl.
 Formation: Triassic
- **humboldtensis** n. sp. Smith
 U. S. Geol. Sur. Prof. Paper 83, 1914, p. 36, pl. XX, figs. 26-28;
 pl. LXXXVII, figs. 1-4
 Formation: Triassic
 Location: Idaho
- **parisianus** (Hyatt and Smith) Smith
 Leland Stan., Jr., Univ. Pub., 1914, pl. IV, figs. 1-10
 Formation: Triassic
 Location: Idaho
- **parisianus** n. sp. Hyatt and Smith
 U. S. Geol. Sur. Prof. Paper 40, 1905, p. 51, pl. I, figs. 9-14; pl.
 LXI, figs. 1-21; pl. LXXII, figs. 1-24
 Formation: Triassic
 Location: Idaho
- **plicatulus** n. sp. Smith
 U. S. Geol. Sur. Prof. Paper 83, 1914, p. 37, pl. XX, figs. 15-20;
 pl. LXXXVII, figs. 15-23
 Formation: Triassic
 Location: West Humboldt range, Nevada
- **spencei** n. sp. Smith
 U. S. Geol. Sur. Prof. Paper 83, 1914, p. 36, pl. LXX, figs. 1-16;
 pl. LXXI, figs. 1-16
 Formation: Triassic
 Location: Idaho
- Comptonia** (?) sp. Adkins and Winton
 Univ. of Texas Bull. 1945, 1919, p. 49, pl. X, fig. 1
 Formation: Cretaceous, Pawpaw
 Location: North Texas
- **wintoni** n. sp. Adkins
 Univ. of Texas Bull. No. 1856, 1918, p. 97, pl. VII, figs. 4, 5
 Formation: Cretaceous
 Location: Texas
- Conorbis mcnairyensis** n. sp. Wade
 Phila. Acad. Nat. Sci. Proc., 1917, vol. 69, p. 280, pl. XVII,
 figs. 1, 2
 Formation: Upper Cretaceous, Ripley
 Location: Coon Creek, McNairy Co., Tenn.
- Coptosoma mortoni** (de Loriol) Clark and Twitchell
 U. S. Geol. Sur. Mon. 54, p. 62, pl. XXII, figs. 1a-e
 Formation: Cretaceous, Selma
 Location: Kemper county, Mississippi
- **mortoni** (de Loriol) Clark
 U. S. Geol. Sur. Bull. 97, 1893, p. 51, pl. XVII, figs. 1a-e
 Formation: Cretaceous, Rotten limestone
 Location: Mississippi
- **speciosum** (Clark) Clark and Twitchell
 U. S. Geol. Sur. Mon. 54, 1915, p. 61, pl. XIX, figs. 3a-b
 Formation: Cretaceous, Rancocas
 Location: Timber Creek, New Jersey
- **speciosum** (Clark) Clark
 U. S. Geol. Sur. Bull. 97, 1893, p. 52, pl. XVIII, figs. 1a-h
 Formation: Cretaceous

- Location: New Jersey
Coral sp. Vaughan
 U. S. Geol. Sur. Bull. 205, 1903, p. 38, pl. XXVI, figs. 2, 3
 Formation: Cretaceous
 Location: Texas
- Coralliochama Boehmi** n. sp. Böse
 Inst. Geol. de México, Bol. 24, 1906, p. 54, Lám. VI, figs. 4, 5;
 Lám. XI, fig. 5; Lám. X, fig. 1; Lám. XI, fig. 2; Lám. XII,
 fig. 1; Lám. XIII, figs. 1, 9! Lám. XIV, figs. 5, 6
 Formation: Cretaceous, Lower Senonian
 Location: Mexico
- Corbicula annosa** (Conrad) Weller
 Geol. Sur. N. J. Pal., vol. 4, 1907, p. 563, pl. LXII, figs. 1-3
 Formation: Cretaceous, Raritan clay
 Location: New Jersey
- **arkansaensis** Hill
 Wash. Biol. Soc. Proc., vol. 8, 1893, p. 29, no pl.
 Formation: Cretaceous
 Location: Texas; Arkansas
- **berthoudi** (White) Stanton and Vaughan
 U. S. Geol. Sur. Prof. Paper 128A, 1920, p. 29, pl. V, figs. 1a-3
 Formation: Cretaceous, Cannonball
 Location: Leith, Price and Mandan, N. Dakota
- **cytheriformis** (Meek and Hayden) Stanton and Vaughan
 U. S. Geol. Sur. Prof. Paper 128A, 1920, p. 29, pl. V, figs. 4a, b
 Formation: Cretaceous, Cannonball
 Location: Schaller and Mandan, N. Dakota
- **cytheriformis** (Meek and Hayden) Stanton and Hatcher
 U. S. Geol. Sur. Bull. 257, 1905, p. 111, no pl.
 Formation: Cretaceous, Judith River beds
 Location: Montana
- **cytheriformis** (Meek and Hayden) Stanton
 U. S. Geol. Sur. Prof. Paper 98, 1916, p. 316, pl. LXXXII, fig. 4
 Formation: Upper Cretaceous
 Location: San Juan Basin. New Mexico
- **durkeei** (Meek) White
 U. S. Geol. Sur. Bull. 128, 1895, p. 36, pl. IV, figs. 1-4
 Formation: Cretaceous, Bear River formation
 Location: Wyoming
- ? **emacerata** (Whitfield) Weller
 Geol. Sur. N. J. Pal., vol. 4, 1907, p. 564, pl. LXII, figs. 4, 5
 Formation: Cretaceous, Raritan clay
 Location: New Jersey
- **occidentalis** (Meek and Hayden) Stanton and Hatcher
 U. S. Geol. Sur. Bull. 257, 1905, p. 111, no pl.
 Formation: Cretaceous, Judith River beds
 Location: Montana
- Corbis (Mutiella) Roblesi**, Böse n. sp.
 Inst. Geol. de México, 1910, Bol. 25, p. 127, Lám. 27, figs. 1-3
 Formation: Cretaceous, Vraconian
 Location: Chihuahua
- Corbula (Brugière)** Gardner
 Maryland Geol. Sur., U. Cret., 1916, p. 710, no pl.
- **basiniformis** n. sp. Adkins
 Univ. of Texas Bull. No. 1856, 1918, p. 130, pl. IX, figs. 7-24;

pl. X, figs. 7-9

Formation: Cretaceous, Weno and Pawpaw

Location: Denison, Texas

— *bisulcata* (Conrad) Weller

Geol. Sur. N. J. Pal., vol. 4, 1907, p. 638, pl. LXXII, figs. 15-22

Formation: Cretaceous, Cliffwood clay, Merchantville clay-marl, Woodbury clay

Location: New Jersey; North Carolina; Mississippi; Arkansas

— *bisulcata* (Conrad) Gardner

Maryland Geol. Sur., U. Cret., 1916, p. 711, no pl.

Formation: Cretaceous, Matawan, Magothy, Black Creek

Location: Maryland; New Jersey; North and South Carolina

— *blakei* (Gabb) Smith

U. S. Geol. Sur. Prof. Paper 83, 1914, p. 146, pl. XVI, fig. 15

Formation: Triassic

Location: West Humboldt range, Nevada

— *chaceensis* n. sp. Stanton

U. S. Geol. Sur. Prof. Paper 98, 1916, p. 316, pl. LXXXII, figs. 5, 6

Formation: Upper Cretaceous

Location: San Juan Basin, New Mexico

— *cliffwoodensis* n. sp. Weller

Geol. Sur. N. J. Pal., vol. 4, 1907, p. 643, pl. LXXII, figs. 29, 30

Formation: Cretaceous, Cliffwood clay

Location: New Jersey

— *crassicosta* n. sp. Cragin

Colorado Coll. Studies, 5th Ann. Pub., 1894, p. 61, no pl.

Formation: Cretaceous, Denison beds and Kiowa shales

Location: Texas; Kansas

— *crassiplica* (Gabb) Gardner

Maryland Geol. Sur., U. Cret., 1916, p. 713, pl. XLIII, figs. 6, 7

Formation: Cretaceous. Monmouth, Matawan, Black Creek, Eutaw, Ripley

Location: Maryland; New Jersey; North and South Carolina; Mississippi; Georgia; Alabama

— *crassiplica* (Gabb) Weller

Geol. Sur. N. J. Pal., vol. 4, 1907, p. 641, pl. LXXII, figs. 27, 28

Formation: Cretaceous, Merchantville clay-marl, Navesink marl, Woodbury clay, Wenonah sand, Red Bank sand

Location: New Jersey

— *engelmanni* (Meek) White

U. S. Geol. Sur. Bull. 128, 1895, p. 40, pl. IV, figs. 10, 11

Formation: Cretaceous, Bear River formation

Location: Wyoming

— *filosa* Stanton

U. S. Geol. Sur. Bull. 133, 1895, p. 62, pl. XI, figs. 1, 2

Formation: Cretaceous, Knoxville beds

Location: California

— *foulkei* (Lea) Weller

Geol. Sur. N. J. Pal., vol. 4, 1907, p. 640, pl. LXXII, figs. 23-26

Formation: Cretaceous, Woodbury clay

Location: New Jersey

— *hicksii* n. sp. White

U. S. Nat. Mus. Proc., vol. 17, 1894, p. 134, pl. VIII, figs. 6-8

Formation: Cretaceous, Dakota formation

Location: Jefferson county, Nebraska

- *jerseyensis* n. sp. Weller
Geol. Sur. N. J. Pal., vol. 4, 1907, p. 644, pl. LXXII, figs. 37, 38
Formation: Cretaceous, Cliffwood clay
Location: New Jersey
- *Kanabensis* n. sp. Stanton
U. S. Geol. Sur. Bull. 106, 1896, p. 125, pl. XXVII, figs. 5, 6
Formation: Cretaceous
Location: Upper Kanab Valley, Utah
- *littoralis* n. sp. Adkins
Univ. of Texas. Bull. No. 1856, 1918, p. 133, pl. X, fig. 5
Formation: Cretaceous, Weno
Location: Gainesville, Texas
- *lorillardensis* n. sp. Weller
Geol. Sur. N. J. Pal., vol. 4, 1907, p. 637, pl. LXXII, figs. 9-14
Formation: Cretaceous, Woodbury clay
Location: New Jersey
- *mactrifomis* (Meek and Hayden) Stanton and Vaughan
U. S. Geol. Sur. Prof. Paper 128A, 1920, p. 32, pl. VI, figs. 1-2b
Formation: Cretaceous, Cannonball
Location: Fort Clark and Schaller, North Dakota
- ? *maloniana* n. sp. Cragin
U. S. Geol. Sur. Bull. 266, 1905, p. 87, pl. XIX, fig. 7
Formation: Jurassic
- *manleyi* n. sp. Weller
Geol. Sur. N. J. Pal., vol. 4, 1907, p. 636, pl. LXXII, figs. 1-8
Formation: Cretaceous, Raritan clay
Location: New Jersey
- *monmouthensis* n. sp. Gardner
Maryland Geol. Sur., U. Cret., 1916, p. 715, pl. XLIV, figs. 4-8
Formation: Cretaceous, Monmouth
Location: Maryland
- *nematophora* (Meek) Stanton
U. S. Geol. Sur. Bull. 106, 1893, p. 124, pl. XXVII, figs. 3, 4
Formation: Cretaceous
Location: Utah
- *nematophora* var. *fitchi* Johnson
School of Mines Quart., vol. 24, No. 2, 1903, p. 198, pl. I, fig. 3
Formation: Cretaceous, Pierre
Location: New Mexico
- *nematophora* var. *fitchi*, n. var. Johnson
Columbia Univ. Cont. Geol. Dept., vol. X, No. 90
Formation: Cretaceous
Location: Achavica Arroyo, New Mexico
- *percompressa* n. sp. Gardner
Maryland Geol. Sur. U. Cret., 1916, p. 717, pl. XLIV, figs. 1-3
Formation: Cretaceous, Monmouth
Location: Maryland
- (?) *persulcata* n. sp. Stanton
U. S. Geol. Sur. Bull. 133, 1895, p. 61, pl. XI, fig. 3
Formation: Cretaceous
Location: Paskenta, California
- *perundata* (Meek and Hayden) Stanton and Hatcher
U. S. Geol. Sur. Bull. 257, p. 113, 1905, no pl.
Formation: Cretaceous, Judith River beds
Location: Montana

- *pyriformis* (Meek) White
U. S. Geol. Sur. Bull. 128, 1895, p. 38, pl. IV, figs. 5-9
Formation: Cretaceous, Bear River formation
Location: Wyoming
- *sp.* Logan
Kans. Univ. Quart., vol. 8, 1899, p. 92, pl. XX, fig. 5
Formation: Cretaceous, Dakota
Location: Kansas
- *subradiata* n. sp. Gardner
Maryland Geol. Sur., U. Cret., 1916, p. 718, pl. XLIV, figs. 9-15
Formation: Cretaceous, Monmouth
Location: Maryland
- *subtrigonalis* (Meek and Hayden) Stanton
U. S. Geol. Sur. Mon. 32, pt. 2, 1899, p. 635, no pl.
Formation: Cretaceous, Colorado formation
Location: Yellowstone National Park, Wyoming
- *subtrigonalis* (Meek and Hayden) Stanton and Hatcher
U. S. Geol. Sur. Bull. 257, 1905, p. 113, no pl.
Formation: Cretaceous, Judith River beds
Location: Montana
- *subtrigonalis* (Meek and Hayden) Stanton
U. S. Geol. Sur. Bull. 106, 1893, p. 123, pl. XXVII, figs. 7, 8
Formation: Cretaceous, Colorado formation
Location: Bear River City, Wyoming
- *swedenboroensis* n. sp. Weller
Geol. Sur. N. J. Pal., vol. 4, 1907, p. 644, pl. LXXII, figs. 33-36
Formation: Cretaceous, Cliffwood clay, Merchantsville clay-marl,
Marshalltown clay-marl
Location: New Jersey
- *terramaria* n. sp. Gardner
Maryland Geol. Sur., U. Cret., 1916, p. 716, pl. XLIII, figs. 8-10
Formation: Cretaceous, Monmouth
Location: Maryland
- *triangulata* n. sp. Cooper
Cal. State Mining Bureau Bull. 4, 1894, p. 49, pl. II, fig. 42
Formation: Cretaceous
Location: California
- *wenoensis* n. sp. Adkins
Univ. of Texas Bull. No. 1856, 1918, p. 127, pl. X, figs. 1-4
Formation: Cretaceous, Weno or Pawpaw
Location: Denison and Gainesville, Texas
- Corbulomya tauschii* n. sp. White
U. S. Geol. Sur. Bull. 128, 1895, p. 40, pl. IV, figs. 12, 13
Formation: Cretaceous, Bear River formation
Location: Wyoming
- Cordiera gracillima* n. sp. Cooper
Cal. State Min. Bureau Bull. No. 4, 1894, p. 41, pl. II, fig. 22
Formation: Cretaceous
Location: California
- Cordillerites* n. gen. Hyatt and Smith
U. S. Geol. Sur. Prof. Paper 40, 1905, p. 109, no pl.
Formation: Triassic
- *angulatus* (Hyatt and Smith) Smith
Leland Stanford Jr. Univ. Pub. 1914, pl. XII, figs. 1-8
Formation: Lower triassic

- Location: Idaho
 — *angulatus* n. sp. Hyatt and Smith
 U. S. Geol. Sur. Prof. Paper 40, 1905, p. 110, pl. II, figs. 1-8;
 pl. LXVIII, figs. 1-10; pl. LXXI, figs. 1-6; pl. LXXXV, figs.
 14-20
 Formation: Triassic
 Location: Idaho
- *Corimya tenuis* (Whitfield) Weller
 Geol. Sur. N. J. Pal., p. 524, pl. LVII, figs. 16-18
 Formation: Cretaceous, Marshalltown clay marl, Navesink marl
 Location: New Jersey
- Corniceras claytoni* Hyatt
 Geol. Soc. Amer. Bull., vol. 5, 1894, pl. 418, no pl.
 Formation: Jurassic
 Location: Nevada
- Cosmoceras boreale* n. sp. Ravn
 Meddelelser om Grönland vol. 45, 1911, p. 489, pl. XXXVI, figs.
 5, 6
 Formation: Jurassic
 Location: Traekpasset, Store Koldewey Island
- *boreale* n. sp. Ravn
 Copenhagen Univ. Min. and Geol. Mus. Comm. Paleont. No. 10,
 1911, p. 489, pl. XXXVI, fig. 5, 6
 Formation: Jurassic
 Location: Traekpasset, Store Koldewey Island
- Cosmonautilus* n. gen. Hyatt and Smith
 U. S. Geol. Sur. Prof. Paper 40, 1905, p. 207, no pl.
 Formation: Triassic
 Location: California
- *dilleri* n. sp. Hyatt and Smith
 U. S. Geol. Sur. Prof. Paper 40 1905, p. 207, pl. LI, fig. 1; pl. LII,
 fig. 1; pl. LIII, figs. 1, 2; pl. LIV, figs. 1-4; pl. LV, figs. 1-11
 Formation: Triassic
 Location: Shasta county, California
- Costatae* (Agassiz)
 Type species: *Trigonia costata* Lam. Packard
 University of Oregon Pub., vol. 1, No. 9, 1921, p. 33, pl. I, fig. 3
 Formation: Jurassic
- Cottaldia rotula* (Clark) Whitney
 Bull. Amer. Pal., vol. 5, No. 26, 1916, p. 9, pl. IV, figs. 1-10 pl. V,
 figs. 1-2
 Formation: Cretaceous, Buda
 Location: Austin and Manchaca, Texas
- *rotula* (Clark) n. sp. Clark and Twitchell
 U. S. Geol. Sur. Mon. 54, 1915, p. 57, pl. XX, figs. 1a-d
 Formation: Cretaceous. Buda limestone
 Location: Travis county, Texas
- Craspedites mazapilensis* n. sp. Burckhardt
 Inst. Geol. de México, Bol. 23, 1906, p. 100, Lám. XVII, fig. 1-4
 Formation: Jurassic, Kimeridgien
 Location: Mazapil, Mexico
- *praecursor* n. sp. Burckhardt
 Inst. Geol. de México, Bol. 23, 1906, p. 98, Lám. XVII, fig. 1-3
 Formation: Jurassic, Kimeridgien
 Location: Mazapil, Mexico

- Crassatella conradiana* (Gabb) sp. Whiteaves
 Geol. Sur. Can. Mesozoic Fossils, vol. 1, pt. 5, 1903, p. 384, no pl.
 Formation: Cretaceous
 Location: Sucia Islands; Texado Islands
- *conradiana* var. *Tuscan* Whiteaves
 Geol. Sur. Can. Mesozoic Fossils, vol. 1, pt. 5, 1903, p. 384, no pl.
 Formation: Cretaceous
 Location: Vancouver Island
- *excavata* n. sp. Stanton
 U. S. Geol. Sur. Bull. 106, 1893, p. 96, pl. XXI, figs. 10-13
 Formation: Cretaceous, Fort Benton shales
 Location: Huerfano Park, Colorado
- *excavata* (Stanton) Herrick and Johnson
 Denison Univ. Sci. Lab. Bull., vol. 11, art. 9, 1900, pl. XXXVIII,
 figs. 10-13 (no description)
 Formation: Cretaceous
 Location: New Mexico
- *lomana* n. sp. Cooper
 Cal. State Mining Bur. Bull. No. 4, 1894, p. 48, pl. III, fig. 47
 Formation: Cretaceous
 Location: Pt. Loma, California
- *vadosa* Harris and Veatch
 Geol. Sur. La Rept. 1899, p. 295, pl. 50, fig. 5
 Formation: Cretaceous
 Location: Bienville Parish, Louisiana
- Crassatellina* (Meek) Gardner
 Maryland Geol. Sur., U. Cret., 1916, p. 645, no pl.
 Formation: Cretaceous
 Location: Maryland
- *carolinensis* (Conrad) (Meek) Gardner
 Maryland Geol. Sur., U. Cret., 1916, p. 646, no pl.
 Formation: Cretaceous
 Location: Delaware; Alabama; Georgia; Mississippi; New Jersey; North and South Carolina
- Crassatellites* (Krüger) Gardner
 Maryland Geol. Sur., U. Cret., 1916, p. 648, no pl.
 Formation: Cretaceous
 Location: Maryland
- *cuneatus* (Gabb) Weller
 Geol. Sur. N. J. Pal., vol. 4, 1907, p. 556, pl. LXI, figs. 11-12
 Formation: Cretaceous, Merchantville clay-marl and Wenonah sand
 Location: New Jersey
- *evansi* (Hall and Meek) Stanton and Vaughan
 U. S. Geol. Sur. Prof. Paper 128A, 1920, p. 28, pl. III, figs. 7a-9
 Formation: Cretaceous, Cannonball
 Location: Kayser, Flasher, and Pretty Rock, N. Dakota
- *littoralis* (Conrad) (Johnson) Gardner
 Maryland Geol. Sur., U. Cret., 1916, p. 653, pl. XXXIX, figs. 6, 7
 Formation: Cretaceous, Monmouth, Matawan
 Location: Maryland; New Jersey
- *littoralis* (Conrad) Weller
 Geol. Sur. N. J. Pal., vol. 4, 1907, p. 559, pl. LXI, figs. 9, 10
 Formation: Cretaceous, Manasquan marl

- Location: New Jersey
- *prerubus* (Conrad) Weller
Geol. Sur. N. J. Pal., vol. 4, 1907, p. 558, pl. LXI, figs. 6, 7
Formation: Cretaceous, Merchantville clay-marl
Location: New Jersey
- Corbula nematophora** (Meek) Stanton
U. S. Geol. Sur. Bull. 106, 1893, p. 124, pl. XXVII, figs. 3, 4
Formation: Cretaceous
Location: Utah
- *nematophora* var. *fitchi* Johnson
School of Mines Quart., vol. 24, No. 2, 1903, p. 198, pl. I, fig. 3
Formation: Cretaceous, Pierre age
Location: New Mexico
- *nematophora* var. *fitchi* n. var. Johnson
Columbia Univ. Cont. Geol. Dept., vol. X, No. 90, 1903, p. 126,
pl. I, fig. 3
Formation: Cretaceous
Location: Achavica Arroyo, New Mexico
- *pteropsis* (Conrad) Gardner
Maryland Geol. Sur., U. Cret., 1916, p. 655, pl. XXXIX, fig. 5
Formation: Cretaceous, Matawan, Monmouth
Location: Ulmstead Point, Anne Arundel county; Brightseat,
Seat Pleasant, Maryland
- *rhombea* (Whitfield) Weller
Geol. Sur. N. J. Pal., vol. 4, 1907, p. 561, pl. LXI, fig. 8
Formation: Cretaceous, Manasquan marl
Location: New Jersey
- *subplanus* (Conrad) Weller
Geol. Sur. N. J. Pal., vol. 4, 1907, p. 553, pl. LXI, figs. 1-4
Formation: Cretaceous, Marshalltown clay-marl, Wenonah sand,
Navesink marl, Tinton beds
Location: New Jersey
- *subplanus* (Conrad) (Johnson) Gardner
Maryland Geol. Sur., U. Cret., p. 651, no pl.
Formation: Cretaceous, Matawan, Monmouth
Location: Maryland, New Jersey
- *transversus* (Gabb) Weller
Geol. Sur. N. J. Pal., vol. 4, 1907, p. 555, fig. 5, pl. LXI
Formation: Cretaceous, Wenonah sand
Location: New Jersey
- *vadosus* (Morton) (Johnson) Gardner
Maryland Geol. Sur., U. Cret., 1916, p. 649, pl. XXXIX, figs. 1-4
Formation: Cretaceous, Monmouth, Ripley, Selma
Location: Maryland; New Jersey; Mississippi; Alabama
- Crenella** (Brown) Gardner
Maryland Geol. Sur., U. Cret., 1916, p. 623, no pl.
Formation: Cretaceous
- *cedrensis* Stanton n. sp.
U. S. Geol. Sur. Prof. Paper 128-A, 1920, p. 25, pl. II, figs. 9a-9c
Formation: Cretaceous, Cannonball
Location: Cedar Creek, N. Dakota
- *elegantula* (M. & H.) Gardner
Maryland Geol. Sur., U. Cret., 1916, p. 625, pl. XXXVI, fig. 19
Formation: Cretaceous, Monmouth
Location: Brightseat, Maryland

- *elegantula* (Meek and Hayden) Weller
 Geol. Sur. N. J. Pal., vol. 4, 1907, p. 511, pl. LVI, fig. 6
 Formation: Cretaceous, Tinton beds
 Location: New Jersey; Mississippi; Wyoming; Montana;
 Colorado
- *elongata* n. sp. Stanton
 U. S. Geol. Sur. Prof. Paper 128A, 1920, p. 25, pl. II, figs. 8a, b
 Formation: Cretaceous, Cannonball
 Location: Mandan, N. Dakota
- *parvula* (Whiteaves) Stanton and Hatcher
 U. S. Geol. Sur. Bull. 257, p. 106, no pl.
 Formation: Cretaceous, Judith River beds
 Location: Montana
- *santana* n. sp. Cooper
 Cal. State Mining Bureau Bull. 4, 1894, p. 50, pl. II, fig. 40
 Formation: Cretaceous
 Location: Santa Ana Mountains, California
- *serica* (Conrad) Gardner
 Maryland Geol. Sur., U. Cret., 1916, p. 624, pl. XXXVI, figs. 16-18
 Formation: Cretaceous, Monmouth, Matawan, Peedee, Ripley,
 Selma
 Location: Maryland; New Jersey; North and South Carolina;
 Georgia; Alabama; Mississippi
- *serica* (Conrad) Weller
 Geol. Sur. N. J. Pal., vol. 4, 1907, p. 510, pl. LVI, figs. 7, 8
 Formation: Cretaceous, Marshalltown clay-marl, Red Bank
 sand
 Location: New Jersey; Alabama; Mississippi; Texas
- Creonella* n. gen. Wade
 Phila. Acad. Nat. Sci. Proc., vol. 69, 1917, p. 302
- *triplicata* n. sp. Wade
 Phila. Acad. Nat. Sci. Proc., vol. 69, 1917, p. 303, pl. XIX, fig. 8
 Formation: Upper Cretaceous, Ripley
 Location: Coon Creek, McNairy Co., Tenn.
- Cribrilina immersa* (Gabb and Horn) Weller
 Geol. Sur. N. J. Pal., vol. 4, 1907, p. 341, no pl.
 Formation: Cretaceous, Vincentown limesand
 Location: New Jersey
- *sagena* (Morton) Weller
 Geol. Sur. N. J. Pal., vol. 4, 1907, p. 340, pl. XXIV, figs. 11, 12
 Formation: Cretaceous, Vincentown limesand
 Location: Vincentown, New Jersey
- *sagena* (Morton) (Weller) Gardner
 Maryland Geol. Sur., U. Cret., 1916, p. 742, pl. XLVI, figs. 1, 2
 Formation: Cretaceous, Rancocas
 Location: Delaware
- Crioceras annulatus* (Shumard) Cragin
 Texas Geol. Sur., 4th Ann. Rept., 1893, p. 234, no pl.
 Formation: Cretaceous, Eagle Ford
 Location: Dallas county, Texas
- Crioceras* sp. ind. (varias formas) Burckhardt
 Inst. Geol. de México, Bol. 33, 1919, p. 98, Lám. XXIII, figs. 3-7
 Formation: Cretaceous
 Location: Huastlanapa, Mexico
- *latus* (Gabb) Stanton

- U. S. Geol. Sur. Bull. 133, p. 83, no pl., 1895
 Formation: Cretaceous, Knoxville beds
 Location: California
- Crisina striatopora** (Ulrich and Bassler) Bassler
 Maryland Geol. Sur., U. Cret., 1916, p. 738, pl. XLVI, fig. 15
 Formation: Cretaceous, Rancocas
 Location: Delaware
- **striatopora** (Ulrich) Weller
 Geol. Sur. N. J. Pal., vol. 4, 1907, p. 319, pl. XXI, figs. 15-18
 Formation: Cretaceous, Vincentown limesand
 Location: New Jersey
- Cristellaria acutauricularis** (Fichtel and Moll) Baggs
 U. S. Geol. Sur. Bull. 88, 1898, p. 54, no pl.
 Formation: Rancocas
 Location: Timber Creek and Vincentown, New Jersey
- **acutauricularis** (Fichtel and Moll) Weller
 Geol. Sur. N. J. Pal., vol. 4, 1907, p. 236, pl. II, figs. 35, 36
 Formation: Cretaceous, Vincentown limesand
 Location: New Jersey
- **acutauricularis** (Fichtel and Moll sp.) Woodward
 New York Microscopical Journ., vol. X, No. 4, 1894, p. 118
 Formation: Cretaceous
 Location: Timber Creek, New Jersey
- **articulata** (Reuss) Weller
 Geol. Sur. N. J. Pal., vol. 4, 1907, p. 237, pl. II, figs. 37, 38
 Formation: Cretaceous, Vincentown limesand
 Location: New Jersey
- **articulata** (Reuss) Woodward
 New York Microscopical Soc. Journ., vol. X, 1894, p. 119
 Formation: Cretaceous
 Location: Mullica Hill, Timber Creek, N. J.
- **articulata** (Reuss) Baggs
 U. S. Geol. Sur. Bull. 88, 1898, p. 54, no pl.
 Formation: Cretaceous to Recent, Rancocas
 Location: New Jersey
- **cassis** (Fichtel and Moll) Baggs
 U. S. Geol. Sur. Bull. 88, 1898, p. 54, no pl.
 Formation: Cretaceous to Recent, Rancocas
 Location: New Jersey
- **cassis** (Fichtel and Moll) Weller
 Geol. Sur. N. J. Pal., vol. 4, 1907, p. 237, pl. II, figs. 39-40
 Formation: Cretaceous, Vincentown limesand
 Location: New Jersey
- **crepidula** (Fichtel and Moll) Weller
 Geol. Sur. N. J. Pal., vol. 4, 1907, p. 238, pl. II, figs. 41, 42
 Formation: Cretaceous, Vincentown limesand
 Location: New Jersey
- **crepidula** (Fichtel and Moll) Baggs
 U. S. Geol. Sur. Bull. 88, 1898, p. 55
 Formation: Rancocas
 Location: Vincentown, Mullica Hill, New Jersey
- **crepidula** (Fichtel and Moll) Woodward
 New York Microscopical Soc. Journ., vol. X, 1894, p. 119
 Formation: Cretaceous

- Location: Mullica Hill, New Jersey
- **cretacea** Baggs
 U. S. Geol. Sur. Bull. 88, 1898, p. 55, pl. V, figs. 2a-b
 Formation: Cretaceous, Rancocas
 Location: New Jersey
 - **cretacea** Baggs, Weller
 Geol. Sur. N. J. Pal., vol. 4, 1907, p. 239, pl. III, figs. 1-2
 Formation: Cretaceous, Vincentown limesand
 Location: New Jersey
 - **cultrata** (Montford) Woodward
 New York Microscopical Soc. Journ., vol. X, No. 4, 1894, p. 120
 Formation: Cretaceous
 Location: Mullica Hill, Crosswick's Creek, New Egypt, Timber
 Creek, and Marlborough, New Jersey
 - **cultrata** (Montf.) Baggs
 Johns Hopkins Univ. Cir., vol. 15, No. 121, 1895, p. 11
 Formation: Cretaceous, Navesink
 Location: Freehold, Mullica Hill, N. J.
 - **cultrata** (Montf.) Baggs
 U. S. Geol. Sur. Bull. 88, p. 55, 1898, pl. VI, fig. 1
 Formation: Cretaceous to Recent, Monmouth, Rancocas
 Location: New Jersey
 - **cultrata** (Montford) Weller
 Geol. Sur. N. J. Pal., vol. 4, 1907, p. 239, pl. III, fig. 3
 Formation: Cretaceous, Navesink Marl
 Location: New Jersey
 - **gibba** (d'Orbigny) Baggs
 U. S. Geol. Sur. Bull. 88, 1898, p. 56, no pl.
 Formation: Cretaceous to Recent, Rancocas
 Location: New Jersey
 - **gibba** (d'Orbigny) Weller
 Geol. Sur. N. J. Pal., vol. 4, 1907, p. 240, pl. III, figs. 4, 5
 Formation: Cretaceous, Vincentown limesand
 Location: New Jersey
 - **gibba** (d'Orbigny) Woodward
 New York Microscopical Soc. Journ., vol. X, No. 4, 1894, p. 121
 Formation: Cretaceous
 Location: Mullica Hill, Timber Creek, New Jersey
 - **italica** (Defrance) Baggs
 U. S. Geol. Sur. Bull. 88, p. 56, pl. IV, figs. 5a-b
 Formation: Rancocas
 Location: Swedesboro, Blue Ball, Mullica Hill, New Jersey
 - **italica** (Defrance) Woodward
 New York Microscopical Soc. Journ., vol. X, 1894, p. 122
 Formation: Cretaceous
 Location: Mullica Hill, New Jersey
 - **italica** (Defrance) Weller
 Geol. Sur. N. J. Pal., vol. 4, 1907, p. 241, pl. III, figs. 6, 7
 Formation: Cretaceous, Hornerstown marl
 Location: New Jersey
 - **mamilligera** (Karrer) Baggs
 U. S. Geol. Sur. Bull. 88, p. 56, 1898, no pl.
 Formation: Cretaceous to Recent, Rancocas
 Location: New Jersey

- **manilligera** (Karrer.) Bagg
 Johns Hop. Univ. Cir., vol. 15, No. 121, 1895, p. 11
 Formation: Cretaceous, Rancocas
 Location: Blue Ball, N. J.
- **manilligera** (Karrer) Weller
 Geol. Sur. N. J. Pal., vol. 4, 1907, p. 242, pl. III, fig. 8
 Formation: Cretaceous, Hornerstown marl
 Location: New Jersey
- **megapolitana** (Reuss) Bagg
 U. S. Geol. Sur. Bull. 88, 1898, p. 57, no pl.
 Formation: Cretaceous, Monmouth
 Location: New Jersey
- **megapolitana** (Reuss) Weller
 Geol. Sur. N. J. Pal., vol. 4, 1907, p. 242, figs. 9, 10
 Formation: Cretaceous, Navesink marl
 Location: New Jersey
- **projecta** Bagg
 U. S. Geol. Sur. Bull. 88, 1898, p. 57, pl. V, figs. 1a-b
 Formation: Cretaceous, Rancocas
 Location: New Jersey
- **projecta** n. sp. Bagg
 Johns Hop. Univ. Cir., vol. 15, No. 121, 1895, p. II
 Formation: Cretaceous
 Location: Vincentown, N. J.
- **projecta** (Bagg) Weller
 Geol. Sur. N. J. Pal., vol. 4, 1907, p. 243, figs. 14, 15
 Formation: Cretaceous, Vincentown limesand
 Location: Vincentown, New Jersey
- **rotulata** (Lamarck) Bagg
 U. S. Geol. Sur. Bull. 88, 1898, p. 57, no pl.
 Formation: Rancocas, Manasquan
 Location: New Jersey
- **rotulata** (Lamarck) Weller
 Geol. Sur. N. J. Pal., vol. 4, 1907, p. 243, pl. III, figs. 11, 12
 Formation: Cretaceous, Hornerstown marl
 Location: New Jersey
- **rotulata** (Lamarck) Woodward
 New York Microscopical Soc. Journ., vol. X, 1894, p. 123
 Formation: Cretaceous
 Location: Mullica Hill, Timber Creek, N. J.
- **secans** (Reuss) Weller
 Geol. Sur. N. J. Pal., vol. 4, 1907, p. 244, no pl.
 Formation: Cretaceous, Navesink Marl
 Location: New Jersey
- **secans** (Reuss) Bagg
 U. S. Geol. Sur. Bull. 88, 1898, p. 58, no pl.
 Formation: Cretaceous, Monmouth
 Location: New Jersey
- **tracyomphala** (Reuss) Bagg
 U. S. Geol. Sur. Bull. 88, p. 58, no pl.
 Formation: Cretaceous, Rancocas
 Location: New Jersey
- **tracyomphala** (Reuss) Weller
 Geol. Sur. N. J. Pal., vol. 4, 1907, p. 244, no pl.
 Formation: Cretaceous, Hornerstown marl

- Location: New Jersey
- *triangularis* (d'Orbigny) Bagg
U. S. Geol. Sur. Bull. 88, 1898, p. 58, no pl.
Formation: Cretaceous, Monmouth
- Location: New Jersey
- *triangularis* (d'Orbigny) Weller
Geol. Sur. N. J., vol. 4, 1907, p. 245, no pl.
Formation: Cretaceous, Navesink Marl
- Location: New Jersey
- sp. Calvin
Iowa Geol. Sur. vol. III, 2nd Ann. Rept., 1895, p. 229, pl. XIX,
fig. 9
Formation: Cretaceous
- Location: St. Helena, Nebraska
- sp. Stanton and Vaughan
U. S. Geol. Sur. Prof. Paper 128A, 1920, p. 18
Formation: Cretaceous, Cannonball
- Location: Near Almont, N. Dakota
- *wetherellii* (Jones) Woodward
New York Microscopical Soc. Journ., vol. X, 1894, p. 124
Formation: Cretaceous
- Location: Mullica Hill and Timber Creek, New Jersey
- *wetherellii* (Jones) Bagg
U. S. Geol. Sur. Bull. 88, 1898, p. 59, no pl.
Formation: Cretaceous, Rancocas
- Location: New Jersey
- *wetherellii* (Jones) Weller
Geol. Sur. N. J. Pal., vol. 4, 1907, p. 245, pl. III, fig. 13
Formation: Cretaceous, Vincentown limesand
- Location: Vincentown, New Jersey
- Cryptorhytis obliquicostata* (Gabb) Weller
Geol. Sur. N. J. Pal., vol. 4, 1907, p. 759, pl. LXXXIX, fig. 8
Formation: Cretaceous, Woodbury clay
- Location: New Jersey; North Carolina
- Cryptorhytis* — see *Fasciolaria*
- Ctenostreon* — see *Lima*
- Cuccoceras* (Diener) Smith
U. S. Geol. Sur. Prof. Paper 83, 1914, p. 70, no pl.
Formation: Triassic
- *bonae-vistae* (Hyatt and Smith) Smith
U. S. Geol. Sur. Prof. Paper 83, 1914, p. 71, pl. X, figs. 1-6
Formation: Triassic
- Location: West Humboldt Range, Nevada
- Cucullaea* (Lamarck) Gardner
Maryland Geol. Sur., U. Cret., 1916, p. 529, no pl.
Formation: Cretaceous
- Location: Maryland
- *antrosa* (Morton) Weller
Geol. Sur. N. J. Pal., vol. 4, 1907, p. 391, pl. XXXII, figs. 7-9
Formation: Cretaceous, Merchantville clay-marl
- Location: Texas; New Jersey; Arkansas
- *antrosa* (Morton) Gardner
Maryland Geol. Sur., U. Cret., 1916, p. 534, no pl.
Formation: Cretaceous, Monmouth, Matawan, Black Creek,
Peedee, Ripley, Selma

- Location: Maryland; New Jersey; North and South Carolina; Mississippi; Alabama
- **bowersiana** n. sp. Cooper
Cal. State Mining Bureau Bull. 4, 1894, p. 48, pl. V, figs. 61, 62
Formation: Cretaceous
Location: California
- **carolinensis** (Gabb) Gardner
Maryland Geol. Sur., U. Cret., 1916, p. 532, no pl.
Formation: Cretaceous, Matawan, Monmouth, Black Creek, Eutaw
Location: Maryland; North and South Carolina; Georgia; Mississippi; Alabama
- **castilloi** n. sp. Cragin
U. S. Geol. Sur., Bull. 266, 1905, p. 54, pl. VI, figs. 11, 12
Formation: Jurassic
Location: Malone, Texas
- (**Trigonarca**) **catorcensis** n. sp. Aguilera
Com. Geol. de México, 1895,, Bol. 1, p. 5, Lám. IV, figs. 1, 4, 5
Formation: Jurassic
Location: Sierra de Catorce, Mexico
- **catorcensis** (Castillo and Augilera) Cragin
U. S. Geol. Sur. Bull. 266, 1905, p. 53, no pl.
Formation: Jurassic
Location: Sierra de Catorce
- **comanchensis** n. sp. Hill
Wash. Biol. Soc. Proc., vol. 8, 1893, p. 25, pl. III, figs. 1, 2
Formation: Cretaceous, Glen Rose
Location: Texas
- **compressirostra** (Whitfield) Weller
Geol. Sur. N. J. Pal., vol. 4, 1907, p. 399, pl. XXXII, figs. 3, 4
Formation: Cretaceous, Hornerstown marl
Location: New Jersey
- **gratiota** Hill
Wash. Biol. Soc. Proc., vol. 8, 1893, p. 25. (For fig. see Ark. Geol. Sur. Rept., 1888, vol. 2, pl. XIV, figs. 2, 2a)
Formation: Cretaceous, Glen Rose
Location: Texas; Arkansas
- **gratioti** (Hill) Cragin
Texas Geol. Sur., 4th Ann. Rept., 1893, p. 173, no pl.
Formation: Cretaceous, Glen Rose
Location: Wise county, Texas
- **gracilis** n. sp. Cragin
Texas Geol. Sur., 4th Ann. Rept., 1893, p. 173, no pl.
Formation: Cretaceous, Glen Rose
Location: Texas
- **haguei** (Meek) Stanton
U. S. Geol. Sur., Mon. 32, pt. 2, 1899, p. 618, pl. LXXIII, fig. 1
Formation: Jurassic, Ellis
Location: Yellowstone National Park
- **litteli** (Gabb) Weller
Geol. Sur. N. J. Pal., vol. 4, 1907, p. 400, pl. XXXIII, figs. 1-2
Formation: Cretaceous, Tinton beds
Location: New Jersey; Georgia
- **mathewsoni** (Gabb) Stanton

- U. S. Geol. Sur. 17th Ann. Rept., pt. 1, 1896, p. 1032, no pl.
 Formation: Cretaceous, Tertiary transition, Chico and Tejon
 Location: California
- **nebrascensis** (Owen ?) Stanton and Vaughan
 U. S. Geol. Sur. Prof. Paper 128-A, 1920, p. 22
 Formation: Cretaceous, Cannonball
 Location: Pretty Rock, N. Dakota
- **neglecta** (Gabb) Weller
 Geol. Sur. N. J. Pal., vol. 4, 1907, p. 396, pl. XXXI, figs. 1-4
 Formation: Cretaceous, Merchantville marl, Navesink marl
 Location: New Jersey; Alabama
- **ponderosa** n. sp. Whiteaves
 Can. Geol. Sur. Mesozoic Fossils, vol. 1, pt. 4, 1900, p. 294,
 pl. XXXVIII, fig. 1, 1a
 Formation: Cretaceous
 Location: Charlotte Islands
- **sp. Shattuck**
 U. S. Geol. Sur. Bull. 205, 1903, p. 23, no pl.
 Formation: Cretaceous
 Location: Austin, Texas
- **shumardi** (Meek and Hayden) Stanton and Vaughan
 U. S. Geol. Sur. Prof. Paper 128A, 1920, p. 22, pl. II, figs. 1a, b
 Formation: Cretaceous, Cannonball
 Location: Pretty Rock, N. Dakota
- **solenensis** Stanton n. sp. Stanton and Vaughan
 U. S. Geol. Sur. Prof. Paper 128A, p. 22, pl. II, figs. 2a, 2b and 3
 Formation: Cretaceous, Cannonball
 Location: Solen, N. Dakota
- (**Idonearca**) **terminalis** n. var. **recedens** Cragin
 Amer. Geol., vol. 14, 1894, p. 3, pl. I, fig. 19
 Formation: Cretaceous, Neocomian
 Location: Belvidere, Kansas
- **terminalis** (Con.) Cragin
 Texas Geol. Sur., 4th Ann. Rept., 1893, p. 174, no pl.
 Formation: Cretaceous, Glen Rose
 Location: Texas
- **terminalis** (Con) Hill
 Wash. Biol. Soc. Proc., vol. 8, 1893, p. 26, no pl.
 Formation: Cretaceous, Glen Rose beds
 Location: Texas
- ? **texticostata** n. sp. Cragin
 U. S. Geol. Sur., Bull. 266, p. 52, pl. VI, figs. 9, 10
 Formation: Jurassic
 Location: Malone, Texas
- **tippiana** (Con) Cragin
 Texas Geol. Sur., 4th Ann. Rept., 1893, p. 174, no pl.
 Formation: Cretaceous, Navarro beds
 Location: Texas
- **tippiana** (Conrad) Weller
 Geol. Sur. N. J. Pal., vol. 4, 1907, p. 394, pl. XXXI, figs. 5-10;
 pl. XXXII, figs. 1, 2
 Formation: Cretaceous, Merchantville, clay-marl, Navesink marl
 Location: New Jersey; Alabama
- **transpecosensis** Cragin

- U. S. Geol. Sur. Bull. 266,, 1903, p. 52, no pl.
 Formation: Jurassic
 Location: Malone, Texas
- *transpecosensis* n. sp. Cragin
 Texas Geol. Sur., 4th Ann. Rept., 1893, p. 175, no pl.
 Formation: Cretaceous
 Location: Malone and El Paso county, Texas
- *truncata* ? (Gabb) var. Whiteaves
 Can. Geol. Sur. Mesozoic Fossils, vol. 1, pt. 5, 1903, p. 393, no pl.
 Formation: Cretaceous
 Location: Vancouver Island
- *vulgaris* (Morton) Weller
 Geol. Sur. N. J. Pal., vol. 4, 1907, p. 397, pl. XXXII, figs. 5, 6
 Formation: Cretaceous, Hornerstown marl
 Location: New Jersey
- *vulgaris* (Morton) Gardner
 Maryland Geol. Sur., U. Cret., 1916, p. 529, pl. XX, figs. 8, 9;
 pl. XXI, figs. 1, 2
 Formation: Cretaceous, Matawan, Monmouth, Ripley, Selma
 Location: Maryland; Delaware; New Jersey; Alabama;
 Tennessee; Mississippi
- *woodburyensis* n. sp. Weller
 Geol. Sur. N. J. Pal., vol. 4, 1907, p. 393, pl. XXXIV, fig. 1
 Formation: Cretaceous, Woodbury clay
 Location: New Jersey
- Cuspidaria* (Nardo) Gardner
 Maryland Geol. Sur., U. Cret., 1916, p. 639, no pl.
 Formation: Cretaceous
- *ampulla* n. sp. Gardner
 Maryland Geol. Sur., U. Cret., 1916, p. 640, pl. XXXVII, figs. 6, 7
 Formation: Cretaceous, Monmouth
 Location: Maryland
- *cucurbita* n. sp. Gardner
 Maryland Geol. Sur., U. Cret., 1916, p. 641, pl. XXXVII, figs. 4, 5
 Formation: Cretaceous, Matawan
 Location: Maryland
- *jerseyensis* n. sp. Weller
 Geol. Sur. N. J. Pal., vol. 4, 1907, p. 534, pl. LVIII, figs. 14, 15
 Formation: Cretaceous, Navesink marl
 Location: New Jersey; Alabama
- *suciensis* n. sp. Whiteaves
 Can. Geol. Sur. Mesozoic Fossils, vol. 1, 1903, pt. 5, p. 376,
 pl. XLVI, fig. 2
 Formation: Cretaceous
 Location: Queen Charlotte Islands
- *ventricosa* (Meek and Hayden) Weller
 Geol. Sur. N. J. Pal., vol. 4, 1907, p. 533, pl. LVIII, figs. 16, 17
 Formation: Cretaceous, Wenonah sand, Red Bank sand, Tinton
 beds, New Jersey
 Location: New Jersey; South Dakota
- Cyclina* (Deshayes) Gardner
 Maryland Geol. Sur., U. Cret., 1916, p. 677, no pl.
 Formation: Cretaceous
 Location: Maryland

- *parva* n. sp. Gardner
Maryland Geol. Sur., U. Cret., 1916, p. 678, pl. XLI, figs. 5, 6
Formation: Cretaceous, Monmouth
Location: Maryland
- Cylichna* (Lovén) Gardner
Maryland Geol. Sur., U. Cret., 1916, p. 411, no pl.
Formation: Cretaceous
- *costata* (Gabb) Stanton
U. S. Geol. Sur., 17th Ann. Rept., pt. 1, 1896, p. 1032, no pl.
Formation: Cretaceous, Tertiary transition, Chico and Tejon
Location: California
- *costata* (Gabb) Whiteaves
Can. Geol. Sur. Mesozoic Fossils, vol. 1, 1903, pt. 5, p. 353, no pl.
Formation: Cretaceous
Location: Vancouver Island
- *recta* (Gabb) Weller
Geol. Sur. N. J. Pal., vol. 4, 1907, p. 814, pl. XCIX, figs. 17, 18
Formation: Cretaceous, Wenonah sand, Navesink marl
Location: New Jersey
- *recta* (Gabb) Gardner
Maryland Geol. Sur., U. Cret., 1916, p. 411, pl. XVIII, figs. 10, 11
Formation: Cretaceous, Monmouth, Matawan
Location: New Jersey; Maryland
- *recta* Whitfield
Geol. Sur. N. J., vol. 2, 1892, p. 164, pl. XX, figs. 10, 11
Formation: Cretaceous, Lower Green Marls
Location: New Jersey
- *recta* Whitfield
U. S. Geol. Sur. Mon. 18, 1892, p. 164, pl. XX, figs. 10, 11
Formation: Cretaceous, Lower Green Marls
Location: Burlington county, New Jersey
- *scitula* (Meek and Hayden?) Stanton and Vaughan
U. S. Geol. Sur. Prof. Paper 128A, 1920, p. 48, pl. IX, fig. 10
Formation: Cretaceous, Cannonball
Location: Heart River, Mandan, N. Dakota; Lemmon, S. Dakota
- Cylichnella dakotensis* Stanton sp. Stanton and Vaughan
U. S. Geol. Sur. Prof. Paper 128A, 1920, p. 48, pl. IX, figs. 11a, 11b
Formation: Cretaceous, Cannonball
Location: Heart River near Almont and Flasher, N. Dakota
- Cylindrites formosus* n. sp. Cragin
Texas Geol. Sur., 4th Ann. Rept., 1893, p. 223, pl. XLII, fig. 4
Formation: Cretaceous, top of *Exogyra texana* bed
Location: Texas
- (?) sp. indt. Hill
Wash. Biol. Soc. Proc., vol. 8, 1893, p. 33, no pl.
Formation: Cretaceous
Location: Texas
- *whitei* n. sp. Whitney
Univ. of Texas Bull. 184, 1911, p. 23, pl. X, fig. 8
Formation: Cretaceous, Buda
Location: Austin, Texas
- *whitei* n. sp. Whitney
Texas Acad. Sci. Trans., vol. 12, 1913, p. 23, pl. X, fig. 8

- Formation: Cretaceous, Buda limestone
 Location: Austin, Texas
- Cymbophora** — see **Mactra**
- Cymbophora** — see **Spisula**
- (Gabb) Gardner
 Maryland Geol. Sur., U. Cret., 1916, p. 707, no pl.
 Formation: Cretaceous
- **ashburneri** (Gabb) Whiteaves
 Can. Geol. Sur. Mesozoic Fossils, vol. 1, pt. 5, 1903, p. 373, no pl.
 Formation: Cretaceous
 Location: Blunden Point, Vancouver Island; Socia Island
- **lutea** (Conrad) Weller
 Geol. Sur. N. J. Pal., vol. 4, 1907, p. 632, pl. LXXI, figs. 9-13
 Formation: Cretaceous
 Location: New Jersey; Georgia; Alabama; Mississippi; Texas
- **tellinoides** (Whitfield) Weller
 Geol. Sur. N. J. Pal., vol. 4, 1907, p. 633, pl. LXXXI, fig. 22
 Formation: Cretaceous, Wenonah sand
 Location: New Jersey
- Cymella** — see **Liopistha**
- **bella** (Conrad) Weller
 Geol. Sur. N. J. Pal., vol. 4, 1907, p. 530, pl. LVIII, figs. 10-12
 Formation: Cretaceous, Cliffwood clay, Merchantville, clay-marl,
 Wenonah sand
 Location: New Jersey; North Carolina; Texas; Arkansas;
 South Dakota
- **undata** (Meek and Hayden) Weller
 Geol. Sur. N. J. Pal., vol. 4, 1907, p. 531, pl. LVIII, fig. 13
 Formation: Cretaceous, Wenonah sand
 Location: New Jersey; South Dakota
- Cf. Cymopolia** — Boehm
 Zeit. Deut. Geol. Gesell., vol. 50, 1898, p. 326
 Formation: Cretaceous
 Location: Cerro Escamelo, Orizaba, Mexico
- Cyphosoma hilli** (Clark) Clark and Twitchell
 U. S. Geol. Sur. Mon. 54, 1915, p. 59, pl. XIX, figs. 2a-g
 Formation: Cretaceous, Austin Chalk
 Location: Austin, Texas
- **texanum** (Roemer) Clark and Twitchell
 U. S. Geol. Sur. Mon. 54, 1915, p. 60, pl. XXI, figs. 1a-g
 Formation: Cretaceous, Commanche Peak Limestone
 Location: Texas
- **volanum** ? (Cragin) Whitney
 Bull. Amer. Pal. Vol. 5, 1916, p. 11, pl. VI, fig. 1
 Formation: Cretaceous, Buda
 Location: Austin, Texas
- **volanum** n. sp. Cragin
 Texas Geol. Sur., 4th Ann. Rept., 1893, p. 147, no pl.
 Formation: Cretaceous
 Location: Texas
- **volanum** (Cragin) Clark and Twitchell
 U. S. Geol. Sur. Mon. 54, 1915, p. 61, pl. XXI, figs. 2a-b, 3
 Formation: Cretaceous, Washita
 Location: Texas

Cypraea mortoni (Gabb) Weller

Geol. Sur. N. J. Pal., vol. 4, 1907, p. 722, pl. LXXXIV, figs. 1, 2

Formation: Cretaceous, Navesink marl

Location: New Jersey; Alabama

— **(Aricia) mortoni** Whitfield

Geol. Sur. N. J., vol. 2, 1892, p. 120, pl. XV, figs. 1-3

Formation: Cretaceous, Lower Green Marls

Location: New Jersey

— **(Aricia) mortoni** Whitfield

U. S. Geol. Sur. Mon. 18, 1892, p. 120, pl. XV, figs. 1-3

Formation: Cretaceous, Lower Green Marls

Location: Burlington county, New Jersey

— **suciensis** Whiteaves

Can. Geol. Sur. Mesozoic Fossils, vol. 1, pt. 5, 1903, p. 357, no pl.

Formation: Cretaceous

Location: Sucia Island

— **suciensis** nom. prov. WhiteavesCan. Roy. Soc. Proc. and Trans., 2d ser., vol. 1, sec. 4, 1895,
p. 127, pl. 3, fig. 5

Formation: Cretaceous

Location: Sucia Islands

— **sp.** Shattuck

U. S. Geol. Sur. Bull. 205, 1903, p. 33, pl. XXII

Formation: Cretaceous

Location: Austin, Texas

Cypricardia ? haguei n. sp. StantonU. S. Geol. Sur., Mon. 32, pt. 2, 1899, p. 623, pl. LXXIII, figs.
11-13

Formation: Jurassic, Ellis

Location: Yellowstone National Park

Cypridea texana n. sp. Hill

Wash. Biol. Soc. Proc., vol. 8, 1893, p. 39, pl. I, figs. 3a, 3b

Formation: Cretaceous, Glen Rose

Location: Texas

— **tuberculata** var. **Wyomingensis** n. var. Jones

Geol. Mag. dec. III, vol. 10, 1893, p. 386, pl. XV, figs. 5a, b; 6a, b

Formation: Cretaceous, Bear River

Location: Cokeville, Wyoming

Cyprimeria (Conrad) Gardner

Maryland Geol. Sur., U. Cret., 1916, p. 686, no pl.

Formation: Cretaceous

Location: Maryland

— **crassa** (Meek) Cragin

Texas Geol. Sur., 4th Ann. Rept., 1893, p. 176, no pl.

Formation: Cretaceous, Fredericksburg division

Location: Bosque, Lampasas, Mills and other counties, Texas

— **cretacea** (Conrad) Weller

Geol. Sur. N. J. Pal., vol. 4, 1907, p. 604, pl. LVII, figs. 7, 8

Formation: Cretaceous, Cliffwood clay, Woodbury clay, Wenonah
sand

Location: New Jersey

— **densata** (Conrad) WellerGeol. Sur. N. J. Pal., vol. 4, 1907, p. 601, pl. LXVIII, fig. 14;
pl. LXIX, figs. 1-2

- Formation: Cretaceous, Merchantville clay-marl, Navesink marl
Location: New Jersey
- **depressa** (Conrad) Gardner
Maryland Geol. Sur., U. Cret., 1916, p. 687, pl. XL, figs. 8-10
Formation: Cretaceous, Monmouth, Black Creek, Eutaw, Ripley
Location: Maryland; North and South Carolina; Alabama;
Georgia; Mississippi
- (?) **excavata** (Mort.) Cragin
Texas Geol. Sur., 4th Ann. Rept., 1893, p. 176, no pl.
Formation: Cretaceous
Location: Texas
- **excavata** (Morton) Weller
Geol. Sur. N. J. Pal., vol. 4, 1907, p. 602, pl. LXVII, figs. 1-6
Formation: Cretaceous, Marshalltown clay marl, Navesink marl
Location: Alabama; Mississippi; Texas; Arkansas
- **gigantea** n. sp. Cragin
Texas Geol. Sur., 4th Ann. Rept., 1893, p. 176, no pl.
Formation: Cretaceous
Location: Texas
- **lens** Whiteaves
Can. Geol. Sur. Mesozoic Fossils, vol. 1, pt. 5, 1903, p. 379, no pl.
Formation: Cretaceous
Location: Sucia Island
- **lens** (Whiteaves) Whiteaves
Can. Roy. Soc. Proc. and Trans., 2d ser., vol. 1, sec. 4, 1895,
p. 125
Formation: Cretaceous
Location: Northwest side of Hornby Island, Vancouver
- **major** n. sp. Gardner
Maryland Geol. Sur., U. Cret., 1916, p. 689, pl. XL, figs. 11, 12;
pl. XLI, figs. 1-4; pl. XLII, fig. 1; pl. XLIII, fig. 1
Formation: Cretaceous, Monmouth
Location: Maryland
- (?) **Mexicana** n. sp. Aguilera
Com. Geol. de México, Bol. 1, 1895, p. 9, Lám. V, fig. 3
Formation: Jurassic
Location: Sierra de Catorce, San Luis Potosi, Mexico
- (?) **sulcata** n. sp. Johnson
School of Mines. Quart., 1903, p. 196, pl. VI, fig. 25 a-d
Formation: Cretaceous, Fort Pierre
Location: Achavica Arroyo, New Mexico
- (?) **sulcata** n. sp. Johnson
Columbia Univ. Contr. Geol. Dept., Vol. X, No. 90, 1903, p. 124,
pl. VI, fig. 25 a-d
Formation: Cretaceous, Ft. Pierre
Location: Achavica Arroyo, New Mexico
- **texana** (Roemer) Adkins and Winton
Univ. of Texas Bull. No. 1945, 1919, p. 76, pl. XVIII, fig. 6
Formation: Cretaceous, Goodland
Location: North Texas
- **texana** (Roemer) Cragin
Texas Geol. Sur., 4th Ann. Rept., 1893, p. 177, no pl.
Formation: Cretaceous, between upper and lower Exogyra
Texana beds
Location: Texas

- *washitaensis* n. sp. Adkins
 Univ. of Texas Bull. No. 1856, 1918, p. 134, pl. IX, figs. 1-6
 Formation: Cretaceous, Weno
 Location: Denison, Texas
- Cyprina* (?) *anthracicola* n. sp. Whiteaves
 Can. Geol. Sur. Mesozoic Fossils, vol. 1, pt. 5, 1903, p. 382, no pl.,
 fig. 26
 Formation: Cretaceous
 Location: Vancouver Island
- cf. *cancriniana* d'Orbigny Lundgren
 Meddelelser om Grönland vol. 19, 1895, p. 207, pl. IV, fig. 27
 Formation: Jurassic
 Location: Kap Stewart, East Greenland
- (?) *cinnabarensis* n. sp. Stanton
 U. S. Geol. Sur. Mon. 32, pt. 2, 1899, p. 621, pl. LXXIII, figs. 7, 8
 Formation: Jurassic, Ellis formation
 Location: Yellowstone National Park
- (?) *coteri* (Castillo and Auguilera) Cragin
 U. S. Geol. Sur. Bull. 266, 1905, p. 77, pl. XIII, figs. 11, 12
 Formation: Jurassic
 Location: Malone, Texas
- *coteri* n. sp. Auguilera
 Com. Geol. de México, Bol. 1, 1895, p. 8, Lám. V, figs. 4-10
 Formation: Jurassic
 Location: Sierra de Catorce, Mexico
- *Denmanensis* n. sp. Whiteaves
 Can. Geol. Sur. Mesozoic Fossils, vol. 1, pt. 5, 1903, p. 380, no pl.,
 text fig. 25
 Formation: Cretaceous
 Location: Vancouver Island
- (?) *iddingsi* n. sp. Stanton
 U. S. Geol. Sur. Mon. 32, pt. 2, 1899, p. 622, pl. LXXIII, fig. 9
 Formation: Jurassic, Ellis formation
 Location: Yellowstone National Park
- cf. *inconspicua* (Lindstrom) Ravn
 Meddelelser om Grönland vol. 45, 1911, p. 479
 Formation: Jurassic
 Location: "Kloft 1", "4 Sænkning", Store Koldewey Island,
 Greenland
- cfr: *inconspicua* (Lindstrom) Ravn
 Copenhagen Univ. Min. and Geol. Mus. Comm. Paleont. No. 10,
 1911, p. 479
 Formation: Jurassic
 Location: "Kloft 1", "4 Sænkning", Store Koldewey Island,
 Greenland
- *Kharoschovensis* (Rouillier) Ravn
 Meddelelser om Grönland vol. 45, 1911, p. 478, pl. XXXV, fig. 4
 Formation: Jurassic
 Location: "Kloft 1", "4 Sænkning", Store Koldewey Island,
 Greenland
- *Kharoschovensis* (Rouillier) Ravn
 Copenhagen Univ. and Min. Geol. Mus. Comm. Paleont. No. 10,
 1911, p. 478, pl. XXXV, fig. 4
 Formation: Jurassic
 Location: "Kloft 1", "4 Sænkning", Store Koldewey Island,

- Greenland
- *pierdenale* var. *commune* Hyatt
 Texas Geol. Sur., 4th Ann. Rept., 1893, p. 178, no pl.
 Formation: Cretaceous, Alternating beds
 Location: Gillespie county, Texas
 - *mosquensis* (d'Orbigny) Ravn
 Meddelelser om Grönland, vol. 45, 1911, p. 478, pl. XXXV, fig. 2
 Formation: Jurassic
 Location: "Kloft I", Store Koldewey Island, Greenland
 - *cfr. mosquensis* (d'Orbigny) Ravn
 Copenhagen Univ. Min. and Geol. Mus. Comm. Paleont. No. 10,
 1911, p. 478, pl. XXXV, fig. 2
 Formation: Jurassic
 Location: "Kloft I", Store Koldewey Island, Greenland
 - *occidentalis* (Whiteaves) Stanton
 U. S. Geol. Sur. Bull. 133, 1895, p. 60, pl. XII, fig. 2
 Formation: Cretaceous, Knoxville beds
 Location: Queen Charlotte Island; Cottonwood creek, California
 - *occidentalis* Whiteaves
 Can. Geol. Sur. Mesozoic Fossils, vol. 1, pt. 5, 1900, p. 290, no pl.
 Formation: Cretaceous, Lower Shales
 Location: Lina Island, Skidegate Inlet
 - *Panderi* (Rouillier sp.) Ravn
 Meddelelser om Grönland vol. 45, 1911, p. 480
 Formation: Jurassic
 Location: "Kloft I", Store Koldewey Island, Greenland
 - *Panderi* Rouillier sp. Ravn
 Copenhagen Univ. Min. and Geol. Mus. Comm. Paleont. No. 10,
 1911, p. 480
 Formation: Jurassic
 Location: "Kloft I", Store Koldewey Island, Greenland
 - *roemeri* n. sp. Cragin
 Texas Geol. Sur., 4th Ann. Rept. 1893, p. 179, pl. XXXVIII,
 figs. 1, 2
 Formation: Cretaceous, Alternating beds
 Location: Texas
 - (?*Roudairia*) *streeruvitzii* n. sp. Cragin
 Texas Geol. Sur., 4th Ann. Rept., 1893, p. 180, pl. XXVI; figs.
 3-5; pl. XL; fig. 2
 Formation: Jurassic (?)
 Location: El Paso county, Texas; 1 mile NE of Malone
 - *streeruvitzii* (Cragin) Cragin
 U. S. Geol. Sur. Bull. 266, 1905, p. 78, pl. XIV, figs. 1, 2; pl. XV,
 fig. 1
 Formation: Jurassic
 Location: Malone, Texas
 - *Syssollae* (Keyserling) Ravn
 Meddelelser om Grönland vol. 45, 1911, p. 479, pl. XXXV, fig. 6
 Formation: Jurassic
 Location: "Kloft I," Store Koldewey Island, Greenland, Hoch-
 stetter's Foreland, Greenland
 - *Syssollae* (Keyserling) Ravn
 Copenhagen Univ. Min. and Geol. Mus. Comm. Paleont. No. 10,
 1911, p. 479, pl. XXXV, fig. 6

- Formation: Jurassic
 Location: "Kloft I," "4 Saenkning," Hochstetter's Foreland, Greenland
- *texana* (Con) Cragin
 Texas Geol. Sur., 4th Ann. Rept., 1893, p. 180, no pl.
 Formation: Cretaceous, Alternating beds
 Location: Texas
- Cypris Dawsoni* n. sp. Jones
 Geol. Mag., dec. IV, vol. 2, 1895, p. 24, pl. II, figs. 4a, b, c
 Formation: Cretaceous, Saint Mary River beds
 Location: South Branch Milk River, ? Alberta, Canada
- *Purbeckensis* (E. Forbes) Jones
 Geol. Mag. dec. III, vol. 10, 1893, p. 366, pl. XV, figs. 15a, b
 Formation: Cretaceous, Bear River formation
 Location: Cokeville, Wyoming
- Cyrena aequilateralis* (Meek) Stanton
 U. S. Geol. Sur., Bull. 106, 1893, p. 102, pl. XXII, figs. 14, 15
 Formation: Cretaceous
 Location: Bear River City, Wyoming
- *inflexa* (Meek) Stanton
 U. S. Geol. Sur. Bull. 106, 1893, p. 103, pl. XXII, fig. 13
 Formation: Cretaceous
 Location: Montana
- *marylandica* n. sp. Clark
 Maryland Geol. Sur., L. Cret., 1911, p. 213, pl. XXI, figs. 8, 9
 Formation: Cretaceous, Arundel
 Location: Maryland
- *securis* (Meek) Herrick and Johnson
 Denison Univ. Sci. Lab., Bull., vol. 11, art. 9, 1900, pl. XXXIX, figs. 1-3, (no description)
 Formation: Cretaceous
 Location: Albuquerque, New Mexico
- (*Veloritina*) *securis* (Meek) Stanton
 U. S. Geol. Sur. Bull. 106, 1893, p. 101, pl. XXIII, figs. 1-3
 Formation: Cretaceous
 Location: Bear River City, and near Hilliard station, Wyoming
- sp. Herrick and Johnson
 Denison Univ. Sci. Lab. Bull., vol. 2, art. 9, 1900, pl. XXXIX, fig. 4 (no description)
 Formation: Cretaceous
 Location: Near Albuquerque, New Mexico
- Cyrnatoceras* — see *Nautilus*
- Cytherea arata* (Gabb) Whiteaves
 Can. Roy. Soc. Proc. and Trans., 2d ser., vol. 1, sec. 4, 1895, p. 125
 Formation: Cretaceous
 Location: Vancouver Island
- *Burkarti* n. sp. Böse
 Inst. Geol. de México, Bol. 25, 1910, p. 132, Lám. XXVIII, figs. 7-12
 Formation: Cretaceous, Vraconian
 Location: Chihuahua
- *lamarensis* (Shum.) Cragin
 Texas Geol. Sur., 4th Ann. Rept., 1893, p. 181, no pl.

- Formation: Cretaceous, Eagle Ford shale
Location: Grayson county, Texas
- *leveretti* n. sp. Cragin
Texas Geol. Sur., 4th Ann. Rept., 1893, p. 182, no pl.
Formation: Cretaceous, Lower Cross Timber sandstone
Location: Texas
- (*Caryatis*) *subtrigona* Whiteaves
Geol. Sur. Can., Mesozoic Fossils, vol. 1, pt. 4, 1900, p. 290, no pl.
Formation: Cretaceous
Location: Queen Charlotte Islands
- *taffi* n. sp. Cragin
Texas Geol. Sur., 4th Ann. Rept., 1893, p. 182, no pl.
Formation: Cretaceous, Lower Cross Timber Sandstone
Location: Texas
- Cythere monticula* n. sp. Jones
Geol. Mag., dec. III, vol. 10, 1893, p. 389, pl. XV, figs. 13a, b
Formation: Cretaceous, Bear River formation
Location: Cokeville, Wyoming
- sp. indt. Jones
Geol. Mag., dec. IV, vol. 2, 1895, p. 25, pl. II, figs. 6a, b, c
Formation: Cretaceous, Saint Mary River beds
Location: North Branch Milk River, Canada
- Cytherella crucifera* n. sp. Jones
Geol. Mag. dec. IV, vol. 2, 1895, p. 26, pl. II, figs. 8a, b, c
Formation: Cretaceous, Saint Mary River beds
Location: North Branch Milk River, Canada
- *submarginata* (Ulrich) Weller
Geol. Mag., dec. IV, vol. 4, 1907, p. 845, pl. CX, figs. 8, 9
Formation: Cretaceous, Vincentown limesand
Location: New Jersey
- Cythereis bassleri* (Ulrich) Weller
Geol. Sur. N. J. Pal., vol. 4, 1907, p. 843, pl. CX, figs. 1-3
Formation: Cretaceous, Vincentown limesand
Location: New Jersey
- Cytheridea tenuis* n. sp. Jones
Geol. Mag., dec. III, vol. 10, 1893, p. 390, pl. XV, figs. 7a, b
Formation: Cretaceous, Bear River formation
Location: Cokeville, Wyoming
- *truncata* n. sp. Jones
Geol. Mag., dec. III, vol. 10, 1893, p. 390, pl. XV, figs. 4a, b
Formation: Cretaceous, Bear River formation
Location: Cokeville, Wyoming
- Cytheridies aequalis* n. sp. Jones
Geol. Mag., dec. III, vol. 10, 1893, p. 390, pl. XV, figs. 11a, b
Formation: Cretaceous, Bear River formation
Location: Cokeville, Wyoming
- *impressa* n. sp. Jones
Geol. Mag., dec. III, vol. 10, 1893, p. 391, pl. XV, figs. 12a, b
Formation: Cretaceous, Bear River formation
Location: Cokeville, Wyoming
- Dakoticancer* n. gen. Rathbun
U. S. Nat. Mus. Proc., vol. 52, 1917, p. 385
Formation: Cretaceous
Location: South Dakota

- **overana** n. sp. Rathbun
U. S. Nat. Mus. Proc., vol. 52, 1917, p. 386, pl. XXXII; XXXIII.
figs. 6-14
Formation: Cretaceous, Pierre shale
Location: Indian Creek, South Dakota
- Dakoticancridae**, n. fam. Rathbun
U. S. Nat. Mus. Proc., vol. 52, 1917, p. 385
- Dakoticancroideae**, n. super-fam. Rathbun
U. S. Nat. Mus. Proc., vol. 52, 1917, p. 385
- Dalmatites** Kittl, Smith
U. S. Geol. Sur. Prof. Paper 83, 1914, p. 58, no pl.
Formation: Triassic
- **minutus** n. sp. Smith
U. S. Geol. Sur. Prof. Paper 83, 1914, p. 59, pl. XXIX, figs. 15-21
Formation: Triassic
Location: West Humbolt range, Nevada
- **parvus** Smith n. sp.
U. S. Geol. Sur. Prof. Paper 83, 1914, p. 60, pl. XXX, figs. 1-12
Formation: Triassic
Location: West Humbolt range, Nevada
- Danubites** (Mojsisovics) Hyatt and Smith
U. S. Geol. Sur. Prof. Paper 40, 1905, p. 163, no pl.
Location: Idaho; Nevada; California
- **strongi** n. sp. Hyatt and Smith
U. S. Geol. Sur. Prof. Paper 40, 1905, p. 165, pl. IX, figs. 4-10
Formation: Triassic
Location: Inyo county, California
- Daonella** (Mojsisovics) Smith
Cal. Acad. Sci. Proc., 3d ser., vol. 1, 1904, p. 404, no pl.
Formation: Triassic
- **americana** n. sp. Smith
U. S. Geol. Sur. Prof. Paper 83, 1914, p. 143, pl. XLIX, figs. 4-8
Formation: Triassic
Location: West Humbolt range, Nevada
- **bochiformis** n. sp. Hyatt
Geol. Soc. Amer. Bull., vol. 5, 1894, p. 415, no pl.
Formation: Triassic
Location: Sailors Canyon, California
- **cardinoides** n. sp. Hyatt
Geol. Soc. Amer. Bull., vol. 5, 1894, p. 416, no pl.
Formation: Triassic
Location: Sailors Canyon, California
- **dubia** (Gabb) Smith
Cal. Acad. Sci. Proc., 3d ser., vol. 1, 1904, p. 405, pl. XLIV, fig. 5
Formation: Triassic
Location: Nevada; California
- **dubia** (Gabb) Smith
U. S. Geol. Sur. Prof. Paper 83, 1914, p. 143, pl. XIV, fig. 5;
pl. XLIX, figs. 10-11; pl. I, figs. 1-3
Formation: Triassic
Location: West Humbolt and Desatoya ranges, Nevada
- **Frami** n. sp. Kittl
Second Norwegian Arctic Exped. in the Fram, Rept. No. 7, 1907,
p. 13, pl. I, figs. 5, 6

- Formation: Triassic
 Formation: Blauer Berg N. von Greeleyfjord, Greenland
- **lindströmi** (Mojsisovics) Smith
 U. S. Geol. Sur. Prof. Paper 83, 1914, p. 144, pl. XLIX, figs. 1-3
 Formation: Triassic
 Location: West Humbolt range, Nevada
- **moussoni** (Merian) Smith
 U. S. Geol. Sur. Prof. Paper 83, 1914, p. 144, pl. I, figs. 4-11
 Formation: Triassic
 Location: West Humbolt range, Nevada
- **sanctae-anae** n. sp. Smith
 U. S. Geol. Sur. Prof. Paper 83,, 1914, p. 145, pl. I, figs. 12-14
 Formation: Triassic
 Location: Santa Ana mountains, Orange county, California
- sp. ? Hyatt
 Geol. Soc. Amer. Bull., vol. 5, 1894, p. 416, no pl.
 Formation: Triassic
 Location: Sailors Canyon, California
- ? **subjecta** Hyatt
 Geol. Soc. Amer. Bull., vol. 5, 1894, p. 415, no pl.
 Formation: Triassic
 Location: Sailors Canyon, California
- Delphinula navesinkensis** n. sp. Weller
 Geol. Sur. N. J. Pal., vol. 4, 1907, p. 669, pl. LXXV, figs. 18, 19
 Formation: Cretaceous, Merchantville clay-marl, Navesink marl, Tinton beds
 Location: New Jersey
- **stantoni** n. sp. Cragin
 U. S. Geol. Sur. Bull. 266, 1905, p. 89, pl. XIX, figs. 12-14
 Formation: Jurassic
 Location: Malone, Texas
- Dentalium** (Linné) Gardner
 Maryland Geol. Sur., U. Cret. 1916, p. 507, no pl.
 Formation: Cretaceous
 Location: Maryland
- **californicum** n. sp. Stanton
 U. S. Geol. Sur. Bull. 133, 1895, p. 62, pl. XII, fig. 3
 Formation: Cretaceous, Knoxville beds
 Location: Paskenta, California
- **stramineum** and **cooperi** (Gabb) Stanton
 U. S. Geol. Sur. 17th Ann. Rept., pt. 1, 1896, p. 1032, no pl.
 Formation: Cretaceous, Tertiary transition, Chico and Tejon
 Location: California
- (**Falcula**) **falcatum** Whitfield
 Geol. Sur. N. J., Vol. 2, 1892, p. 169, pl. XX, figs. 12-18
 Formation: Cretaceous, Lower Green Marls
 Location: New Jersey
- (**Falcula**) **falcatum**, Whitfield
 U. S. Geol. Sur. Mon. 18, 1892, p. 169, pl. XX, figs. 12-18
 Formation: Cretaceous, Lower Green Marls
 Location: Crosswicks, New Jersey
- **nanaimoense** (Meek) Whiteaves
 Geol. Sur. Can. Mesozoic Fossils, vol. 1, pt. 5, 1903, p. 372, no pl.
 Formation: Cretaceous

- Location: Vancouver Island
- **nodulosum** (Lundgren) Ravn
Meddelelser om Grönland, vol. 45, 1911, p. 481
Formation: Jurassic
Location: Vesterdalen at Danmarks, Havn
- **nodulosum** (Lundgren) Ravn
Copenhagen Univ. Min. and Geol. Mus. Comm. Paleont. No. 10, 1911, p. 481
Formation: Jurassic
Location: Vesterdalen at "Kloft I," "4 Saenkning," Store Kolde-
wey Island, Greenland
- **pauperculum** (Meek and Hayden) Stanton and Vaughan
U. S. Geol. Sur. Prof. Paper 128A, 1920, p. 34, pl. VI, figs. 6-7
Formation: Cretaceous, Cannonball
Location: Moreau River, S. Dakota; Mandan, N. Dakota
- **paperculum** (M & H) Gardner
Maryland Geol. Sur., U. Cret., 1916, p. 510, no pl.
Formation: Cretaceous, Monmouth, Pierre, Fox Hills
Location: Maryland
- **ripleyanum** Whitfield
Geol. Sur. N. J., vol. 2, 1892, p. 167, pl. LXIX, fig. 48
Formation: Cretaceous, Lower Green Marls
Location: New Jersey
- **ripleyanum** Whitfield
U. S. Geol. Sur. Mon. 18, 1892, p. 167, pl. LXIX, fig. 48
Formation: Cretaceous, Lower Green Marls
Location: New Jersey
- **subarcuatum** Whitfield
Geol. Sur. N. J., vol. 2, 1892, p. 166, pl. XX, figs. 19-24
Formation: Cretaceous, Lower Green Marls
Location: New Jersey
- **subarcuatum**, Whitfield
U. S. Geol. Sur. Mon. 18, 1892, p. 166, pl. XX, figs. 19-24
Formation: Cretaceous, Lower Green Marls
Location: New Jersey
- **subarcuatum** (Conrad) Weller
Geol. Sur. N. J. Pal., vol. 4, 1907, p. 661, pl. LXXV, figs. 1,2
Formation: Cretaceous, Merchantville clay-marl, Woodbury clay
Location: New Jersey; Alabama
- Desmoceras affine** n. sp. Whiteaves
Can. Roy. Soc. Proc. and Trans., vol. 10, sec. 4, 1892, p. 113,
pl. VIII, XI, figs. 1, 1a
Formation: Cretaceous
Location: District of Athabasca, Canada
- **affine** var. **glabrum** Whiteaves
Can. Roy. Soc. Proc. and Trans., vol. 10, sec. 4, 1892, p. 115, pl. IX
Formation: Cretaceous
Location: District of Athabasca, Canada
- **ashlandicum** n. sp. Anderson
Cal. Acad. Sci. Proc., 3d ser. Geol., 1902, vol. 2, No. 1, p. 100,
pl. IX, figs. 107-109; pl. X, fig. 196
Formation: Cretaceous, Ashland Oregon, 49 Mine
Location: Southern Oregon
- **athabascense** n. sp. Whiteaves

- Can. Roy. Soc. Proc. Trans., vol. 10, sec. 4, 1892, p. 116, pl. X
 Formation: Cretaceous, La Biche Shales
 Location: District of Athabasca, Canada
- **brazoense** (Shumard) Adkins and Winton
 U. of Texas Bull. No. 1945, 1919, p. 35, pl. II, figs. 1, 2
 Formation: Cretaceous, Duck Creek limestone
 Location: North Texas
- (**Puzosia**) **breweri** Whiteaves
 Can. Geol. Sur., Mesozoic Fossils, vol. 1, pt. 4, 1900, p. 284, no pl.
 Formation: Cretaceous
 Location: Queen Charlotte Islands
- **californicum** n. sp. Stanton
 U. S. Geol. Sur. Bull. 133, 1895, p. 76, pl. XV, figs. 6, 7
 Formation: Cretaceous
 Location: Paskenta, California
- **colusaense** n. sp. Anderson
 Cal. Acad. Sci. Proc., 3d ser. Geol., vol. 2, No. 1, 1902, p. 96, pl. V,
 fig. 128; pl. X, fig. 200
 Formation: Cretaceous, Horsetown horizon
 Location: California
- (**Puzosia**) **dawsoni** n. sp. Whiteaves
 Can. Geol. Sur., Mesozoic Fossils, vol. 1, pt. 4, 1900, p. 286,
 pl. XXXVII, fig. 3
 Formation: Cretaceous
 Location: Queen Charlotte Islands
- (**Puzosia**) **dawsoni** (Whiteaves) Merriam
 Univ. Cal. Bull. of Geol., vol. 2, 1901, p. 283, nopl.
 Formation: Cretaceous
 Location: John Day Basin, Oregon
- **dilleri** n. sp. Anderson
 Cal. Acad. Sci. Proc., 3d ser. Geol., vol. 2, No. 1, 1902, p. 97, pl. IV,
 figs. 116-117; pl. X, fig. 192
 Formation: Cretaceous, Horsetown horizon
 Location: California
- (**Puzosia**) **haydenii** Whiteaves
 Can. Geol. Sur., Mesozoic Fossils, vol. 1, pt. 4, 1900, p. 285, no pl.
 Formation: Cretaceous
 Location: Queen Charlotte Islands
- **hoffmanni** (Gabb) Anderson
 Cal. Acad. Sci. Proc., 3d ser. Geol., vol. 2, No. 1, 1902, p. 94,
 pl. V, figs. 120-123; pl. X, fig. 203
 Formation: Cretaceous, Horsetown
 Location: California
- **jugalis** (Gabb) Anderson
 Cal. Acad. Sci. Proc., 3d ser. Geol., vol. 2, No. 1, 1902, p. 99, no pl.
 Formation: Cretaceous
 Location: California
- **latidorsatum** (Michelin) sp. Whiteaves
 Can. Geol. Sur., Mesozoic Fossils, vol. 1, pt. 4, 1900, p. 282, no pl.
 Formation: Cretaceous
 Location: Queen Charlotte Islands
- **lecontei** n. sp. Anderson
 Cal. Acad. Sci. Proc., 3d ser. Geol., vol. 2, No. 1, 1902, p. 95,
 pl. III, figs. 94, 95; pl. X, fig. 190
 Formation: Cretaceous, Horsetown beds

- Location: California
- (*Puzosia*) *mandense* Whiteaves
 Can. Geol. Sur., Mesozoic Fossils, vol. 1, pt. 4, 1900, p. 286, no pl.
 Formation: Cretaceous
 Location: Queen Charlotte Islands
- (*Puzosia*) *perezianum* Whiteaves
 Can. Geol. Sur., Mesozoic Fossils, vol. 1, pt. 4, 1900, p. 285, no pl.
 Formation: Cretaceous
 Location: Queen Charlotte Islands
- (*Puzosia*) *planulatum* ? (Sowerby) Whiteaves
 Can. Geol. Sur., Mesozoic Fossils, vol. 1, pt. 4, 1900, p. 282,
 pl. XXXVI, fig. 2; pl. XXXVII, fig. 2
 Formation: Cretaceous
 Location: Queen Charlotte Islands
- *selwynianum* Whiteaves
 Can. Geol. Sur., Mesozoic Fossils, vol. 1, pt. 5, 1903, p. 251, no pl.
 Formation: Cretaceous
 Location: Vancouver Island
- sp. A. Adkins and Winton
 Univ. of Texas Bull. No. 1945, 1919, p. 35, pl. II, fig. 3
 Formation: Cretaceous, Duck Creek
 Location: North Texas
- sp. Stanton
 U. S. Geol. Sur. Bull. 133, 1895, p. 77, no pl.
 Formation: Cretaceous, Knoxville beds
 Location: California
- *subquadratum* n. sp. Anderson
 Cal. Acad. Sci. Proc., 3d ser. Geol., vol. 2, No. 1, 1902, pl. IV,
 figs. 118-119; pl. X, fig. 193
 Formation: Cretaceous, Horsetown
 Location: California
- *sugatum* (Forbes) Anderson
 Cal. Acad. Sci. Proc., 3d ser. Geol., vol. 2, No. 1, 1902, p. 98,
 pl. III, figs. 98, 99
 Formation: Cretaceous, Chico beds
 Location: California
- *voyi* n. sp. Anderson
 Cal. Acad. Sci. Proc., 3d ser. Geol., vol. 2, No. 1, 1902, p. 100, pl.
 III, figs. 89-90
 Formation: Cretaceous, Horsetown
 Location: California
- Dianchora echinata* (Morton) Weller
 Geol. Sur. N. J. Pal., vol. 4, 1907, p. 487, pl. LIII, figs. 4-6;
 pl. LIV, figs. 1-2
 Formation: Cretaceous, Navesink marl, Tinton beds
 Location: New Jersey
- Diastopora lineata* (Gabb and Horn) Weller
 Geol. Sur. N. J. Pal., vol. 4, 1907, p. 316, pl. XXI, figs. 3, 4
 Formation: Cretaceous, Vincentown limesand
 Location: Vincentown, New Jersey
- Diceras dactyloides* (Whitfield) Weller
 Geol. Sur. N. J. Pal., vol. 4, 1907, p. 567, pl. LXII, figs. 11, 12
 Formation: Cretaceous, Navesink marl
 Location: New Jersey
- Dicranodonta dowlingi* n. sp. McLearn

- Canada Dept. Mines Mus. Bull. 29, 1919, p. 9, pl. III, figs. 3-5
 Formation: Cretaceous, Peace River formation
 Location: Peace River, Alberta
- Didymotis trinidadensis** n. sp. Sommermeier
 Centralbl. für Mineralogie, 1918, p. 132, figs. 1, 2
 Formation: Cretaceous
 Location: Trinidad
- Dieneria** n. gen. Hyatt and Smith
 U. S. Geol. Sur. Prof. Paper 40, 1905, p. 105, no pl.
 Formation: Triassic
- **arthaberi** n. sp. Hyatt and Smith
 U. S. Geol. Sur., Prof. Paper 40, 1905, p. 106, pl. XXXVII, figs. 13-16; pl. LXXXI, figs. 10-25
 Formation: Triassic
 Location: California
- Dinarites** (Mojsisovics) Hyatt and Smith
 U. S. Geol. Sur. Prof. Paper 40, 1905, p. 161, no pl.
 Formation: Triassic
- **bonae-vistae** n. sp. Hyatt and Smith
 U. S. Geol. Sur. Prof. Paper 40, 1905, p. 162, pl. LX, figs. 1-6
 Formation: Triassic
 Location: Buena Vista Canyon, Nevada
- **desertorum** n. sp. Smith
 U. S. Geol. Sur. Prof. Paper 83, 1914, p. 69, pl. LXXXIX, figs. 3-7; pl. XCVIII, figs. 13-18
 Formation: Triassic
 Location: West Humboldt range, Nevada
- ? **pymaeus** n. sp. Smith
 U. S. Geol. Sur. Prof. Paper 83, 1914, p. 70, pl. LXXXIX, figs. 8, 9
 Formation: Triassic
 Location: West Humboldt range, Nevada
- Diploconcha** (Conrad) Whitfield
 U. S. Geol. Sur. Mon. 18, 1892, p. 169, no pl.
 Formation: Cretaceous
- (Conrad) Whitfield
 Geol. Sur. N. J., vol. 2, 1892, p. 169, no pl.
 Formation: Cretaceous
- (**Serpula** ?) **cretacea** ? Whitfield
 U. S. Geol. Sur. Mon. 18, p. 170, pl. XX, fig. 25
 Formation: Cretaceous, Lower Green Marls
 Location: New Jersey
- (**Serpula** ?) **cretacea** ? Whitfield
 Geol. Sur. N. J., vol. 2, 1892, p. 170, pl. XX, fig. 25
 Formation: Cretaceous, Lower Green Marls
 Location: New Jersey
- Diplodon borealis** n. sp. Wanner
 Phila. Acad. Nat. Sci. Proc., vol. 73, 1921, p. 33, figs. 5a, b, c
 Formation: Triassic
 Location: Little Conewago Creek, York Co., Penna.
- **carolus-simpsoni** n. sp. Wanner
 Phila. Acad. Nat. Sci. Proc., vol. 73, 1921, p. 34, pl. II, figs. 4, 5, 6
 Formation: Triassic
 Location: Little Conewago Creek, York Co., Penna.

- **pennsylvanicus** n. sp. Wanner
 Phila. Acad. Nat. Sci. Proc., vol. 73, 1921, p. 32, pl. II, figs. 1
 (type); pl. III, fig. 4
 Formation: Triassic
 Location: Little Conewago Creek, York Co., Penna.
- **wanneri** n. sp. Wanner
 Phila. Acad. Nat. Sci. Proc., vol. 73, 1921, p. 34, pl. III, fig. 5
 Formation: Triassic
 Location: Little Conewago Creek, York Co., Penna.
- **Yorkensis** n. sp. Wanner
 Phila. Acad. Nat. Sci. Proc., vol. 73, 1921, p. 35, pl. III, figs. 2, 2a
 Formation: Triassic
 Location: Little Conewago Creek, York Co., Penna.
- Diplomoceras notabile** n. sp. Whiteaves
 Can. Geol. Sur., Mesozoic Fossils, vol. 1, pt. 5, 1903, p. 335,
 pl. XLIV, figs. 4, 4a, 4b
 Formation: Cretaceous
 Location: Vancouver Island
- Diplopodia** — see **Pseudodiadema**
- **hilli** (Clark) Cragin
 Texas Geol. Sur., 4th Ann. Rept. 1893, p. 147, no pl.
 Formation: Cretaceous, Austin chalk
 Location: Austin, Texas
- **hilli** (Clark) Clark
 U. S. Geol. Sur. Bull. 97, 1893, p. 50, pl. XVI, figs. 2a-g
 Formation: Cretaceous, Austin chalk
 Location: Texas
- **streeruvitzii** n. sp. Cragin
 Texas Geol. Sur., 4th Ann. Rept., 1893, p. 147, pl. XXIV; fig. 11;
 pl. XXV, figs. 8-10
 Formation: Cretaceous
 Location: El Paso county, Texas
- **streeruvitzi** (Cragin) Clark and Twitchell
 U. S. Geol. Sur., Mon. 54, 1915, p. 59, pl. XX, figs. 3a-c
 Formation: Cretaceous, Washita
 Location: El Paso county, Texas
- **taffi** n. sp. Cragin
 Texas Geol. Sur., 4th Ann. Rept., 1893, p. 148, pl. XLVI, fig. 3
 Formation: Cretaceous, Fredericksburg Division
 Location: Texas
- **taffi** (Cragin) Clark and Twitchell
 U. S. Geol. Sur., Mon. 54, 1915, p. 58, pl. XX, figs. 2a-e
 Formation: Cretaceous, Comanche Peak
 Location: Tarrant, Hill, and other counties, Texas
- **texana** (Roemer) Cragin
 Texas Geol. Sur., 4th Ann. Rept., 1893, p. 149, no pl.
 Formation: Cretaceous, Fredericksburg Division
 Location: Texas; Oklahoma
- **texanum** (Roemer) Clark
 U. S. Geol. Sur. Bull., 97, 1893, p. 48, pl. XV; figs. 1a-f; pl. XVI,
 figs. 1a-d
 Formation: Cretaceous, Comanche Peak
 Location: Texas
- Diploria conferticostata** n. sp. Vaughan

- Harv. Coll. Mus. Comp. Zool. Bull., vol. 34, 1899; p. 239, pl. XXXIX, figs. 1-3
 Formation: Cretaceous, Blue Mountain series
 Location: Trout Hill and Upper Clarendon district, Jamaica
- Diptychoceras** Whiteaves
 Geol. Sur. Can., Mesozoic Fossils, vol. 1, pt. 4, 1900, p. 272, no pl.
 Formation: Cretaceous
 Location: Queen Charlotte Islands
- ? sp. (Gabb) Stanton
 U. S. Geol. Sur. Bull. 133, 1895, p. 82, no pl.
 Formation: Cretaceous, Knoxville beds
 Location: California
- Discinia** cf. **Barrentsi** (J. Böhm) Kittl
 Second Norwegian Arctic Exped. in the Fram., Rept. No. 7, 1907, p. 10, pl. I, fig. 1
 Formation: Triassic
 Location: Ammonitenberg am Barenkaplande
- Discosparsa** **varians** (Ulrich) Weller
 Geol. Sur. N. J. Pal., vol. 4, 1907, p. 315, pl. XXI, fig. 1-2
 Formation: Cretaceous, Vincentown limesand
 Location: Vincentown, New Jersey
- Discocyttis** **eccentrica** n. sp. (Ulrich and Bassler) Weller
 Geol. Sur. N. J. Pal., vol. 4, 1907, p. 326, pl. XXII, figs. 16-19
 Formation: Cretaceous, Vincentown limesand
 Location: Vincentown, New Jersey
- Discohelix** (Dunker) Gardner
 Maryland Geol. Sur., U. Cret., 1916, p. 501, no pl.
 Formation: Cretaceous
- **lapidosa** (Morton) Gardner
 Maryland Geol. Sur., U. Cret., 1916, p. 502, no pl.
 Formation: Cretaceous, Monmouth, Ripley, Selma
 Location: Maryland; Mississippi; Alabama
- **bertheloti** (d'Orbigny) Bagge
 U. S. Geol. Sur. Bull. 88, 1898, p. 64, no pl.
 Formation: Cretaceous, Rancocas
 Location: New Jersey
- Discorbina** **bertheloti** (d'Orbigny) Weller
 Geol. Sur. N. J. Pal., vol. 4, 1907, p. 256, pl. IV, figs. 1-3
 Formation: Cretaceous, Horsetown marl, Vincentown limesand
 Location: New Jersey
- **bertheloti** (d'Orbigny) Woodward
 New York Microscopical Soc. Journ., vol. X, No. 4, 1894, p. 133
 Formation: Cretaceous
 Location: Timber Creek, New Jersey
- Discotropites** n. gen. Hyatt and Smith
 U. S. Geol. Sur. Prof. Paper 40, 1905, p. 61, no pl.
 Formation: Triassic
 Location: Nevada
- **sandlingensis** (Hauer) Hyatt and Smith
 U. S. Geol. Sur. Prof. Paper 40, 1905, p. 63, pl. XXXV, figs. 1-12; pl. XXXVI, figs. 1-26
 Formation: Triassic
 Location: Shasta county, California
- **sandlingensis** (Hauer) Smith
 Leland Stan. Jun. Univ. Pub., 1914, pl. V, figs. 1-13

- Formation: Upper Triassic
 Location: California
- Doliopsis** — see **Dolium**
- Dolium (Doliopsis?) multiliratum** n. sp. Whitfield
 Geol. Sur. N. J., vol. 2, 1892, p. 121, pl. XV, figs. 4-6
 Formation: Cretaceous, Lower Green Marls
 Location: New Jersey
- **(Doliopsis?) multiliratum** n. sp. Whitfield
 U. S. Geol. Sur., Mon. 18, 1892, p. 121, pl. XV, figs. 4-6
 Formation: Cretaceous, Lower Green Marls
 Location: Holmdel, New Jersey
- Donax cuneata** Stanton
 U. S. Geol. Sur., Mon. 32, pt. 2, 1899, p. 638, no pl. (no description)
 Formation: Cretaceous, Colorado and Montana formation
 Location: Yellowstone National Park; Utah
- **cuneata** n. sp. Stanton
 U. S. Geol. Sur. Bull. 106, 1893, p. 110, pl. XXV, fig. 1
 Formation: Cretaceous, Montana formation ?
 Location: Wyoming; Utah
- **cuneata** (Stanton) Herrick and Johnson
 Denison Univ. Sci. Lab. Bull., vol. 11, art. 9, 1900, pl. XL, fig. 1,
 (no description)
 Formation: Cretaceous
 Location: Near Albuquerque, New Mexico
- ? **oblonga** n. sp. Stanton
 U. S. Geol. Sur., Bull. 106, 1893, p. 111, pl. XXV, fig. 2
 Formation: Cretaceous
 Location: Utah
- **oblonga** (Stanton) Herrick and Johnson
 Denison Univ. Sci. Lab., Bull., vol. 11, art. 9, 1900, pl. XL, fig. 2
 (no description)
 Formation: Cretaceous
 Location: Near Albuquerque, New Mexico
- ? **oblonga** Stanton
 U. S. Geol. Sur., Mon. 32, pt. 2, 1899, p. 638, no pl.
 Formation: Cretaceous, Colorado
 Location: Yellowstone National Park, Utah
- Dosinia (Scopoli) Gardner**
 Maryland Geol. Sur., U. Cret., 1916, p. 676, no pl.
 Formation: Cretaceous
- **inflata** (Gabb) Whiteaves
 Geol. Sur. Can., Mesozoic Fossils, vol. 1, pt. 5, 1903, p. 380, no pl.
 Formation: Cretaceous
 Location: Vancouver Island
- **obliquata** (Conrad) Gardner
 Maryland Geol. Sur., U. Cret., 1916, p. 677, no pl.
 Formation: Cretaceous, Monmouth, Ripley
 Location: Maryland; Mississippi
- Douvillicerias mamillare** (Schloth) Anderson
 Cal. Acad. Sci. Proc., 3d ser. vol. 2, No. 1, 1902, p. 108, no pl.
 Formation: Cretaceous
 Location: California
- Dreissena** (Van Beneden) Gardner

- Maryland Geol. Sur., U. Cret., 1916, p. 627, no pl.
- *tippiana* (Conrad) Gardner
 Maryland Geol. Sur., U. Cret., 1916, p. 628, pl. XXXVII, figs. 8-11
 Formation: Cretaceous, Matawan, Monmouth, Ripley
 Location: Maryland; Georgia; Alabama
- Drepanochilus* — see *Anchura*
- Drillia ullreyana* n. sp. Cooper
 Cal. State Mining Bureau Bull. No. 41, 1894, p. 41, pl. II, fig. 27
 Formation: Cretaceous
 Location: California
- Drilluta* n. gen. Wade
 Phila. Acad. Nat. Sci. Proc., vol. 68, 1916, p. 458
- *communis* n. sp. Wade
 Phila. Acad. Nat. Sci. Proc., vol. 68, 1916, p. 459, pl. XXIII, figs. 5, 6
 Formation: Upper Cretaceous, Ripley
 Location: Coon Creek, McNairy Co., Tenn.
- *major* n. sp. Wade
 Phila. Acad. Nat. Sci. Proc., vol. 68, 1916, p. 460, pl. XXIII, figs. 7, 8
 Formation: Upper Cretaceous, Ripley
 Location: Coon Creek, McNairy Co., Tenn.
- Dumbelea* n. gen. Cragin
 Texas Geol. Sur., 4th Ann. Rept., 1893, p. 149, no pl.
 Formation: Cretaceous
 Location: Texas
- *symmetrica* n. sp. Cragin
 Texas Geol. Sur., 4th Ann. Rept., 1893, p. 150, pl. XXIV, fig. 12; pl. XXV, figs. 4-7; pl. XXVII, fig. 1
 Formation: Cretaceous
 Location: Sierra Blanca mountains, Texas
- Durangites* n. sub-gen. Burckhardt
 Inst. Geol. de México, Bol. 29, 1912, p. 143
 Formation: Jurassic
- *acanthicus* n. sp. Burckhardt
 Inst. Geol. de México, Bol. 29, p. 146, 1912, Lám. XXXVI, figs. 7, 8, 10, 11, 15
 Formation: Jurassic, Portlandian
 Location: Cerro de las Liebres, Durango
- *densestriatus* n. sp. Burckhardt
 Inst. Geol. de México, Bol. 29, 1912, p. 153, Lám. XXXVI, figs. 22-24, 26, 27
 Formation: Jurassic, Portlandian
 Location: San Pedro, Durango
- *fusicostatus* n. sp. Burckhardt
 Inst. Geol. de México, Bol. 29, 1912, p. 159, Lám. XXXVIII, figs. 8, 13, 14, 16
 Formation: Jurassic, Portlandian
 Location: San Pedro, Durango
- *humboldti* n. sp. Burckhardt
 Inst. Geol. de México, Bol. 29, 1912, p. 152, Lám. XXXVI, figs. 18-21, 25
 Formation: Jurassic, Portlandian
 Location: Cerro de las Liebres, Durango

- *incertus* n. sp. Burckhardt
 Inst. Geol. de México, Bol. 29, 1912, p. 147, Lám. XXXVI, figs. 12-14, 16, 17
 Formation: Jurassic, Portlandian
 Location: Cerro de las Liebres, Durango
- *latesellatus* n. sp. Burckhardt
 Inst. Geol. de México, Bol. 29, 1912, p. 156, Lám. XXXVIII, figs. 11, 12, 15, 17
 Formation: Jurassic, Portlandian
 Location: Cerro de las Liebres, Durango
- *nodulatus* n. sp. Burckhardt
 Inst. Geol. de México, Bol. 29, 1912, p. 155, Lám. XXXVIII, figs. 5-7, 9, 10
 Formation: Jurassic, Portlandian
 Location: Cerro de las Liebres, Durango
- *vulgaris* n. sp. Burckhardt
 Inst. Geol. de México, Bol. 29, 1912, p. 149, Lám. XXVII, figs. 1-36; Lám. XXXVIII, figs. 1-4
 Formation: Jurassic, Portlandian
 Location: Cerro de las Liebres, Durango
- Eboraciceras** (Buckman) Reeside
 U. S. Geol. Sur. Prof. Paper, 118, 1919, p. 14
- Echinanthus mortonis** (Michelin) Clark and Twitchell
 U. S. Geol. Sur., Mon. 54, 1915, p. 67, no pl.
 Formation: Cretaceous, Ripley
 Location: Pantotoc, Mississippi
- Echinobrissus angustatus** (Clark) Whitney
 Bull. Amer. Pal., No. 26, 1916, p. 14, pl. VII, figs. 6-9; pl. IX, fig. 4
 Formation: Cretaceous, Buda
 Location: Austin, Texas
- *angustatus* (Clark) n. sp. Clark and Twitchell
 U. S. Geol. Sur. Mon. 54, p. 69, pl. XXVII, figs. 2a-c
 Formation: Cretaceous, Buda limestone
 Location: Texas
- *expansus* (Clark) Clark
 U. S. Geol. Sur. Bull. 97, 1893, p. 61, pl. XXVI, figs. 1a-g
 Formation: Cretaceous, Ripley
 Location: Alabama; Mississippi
- *expansus* (Clark) Clark and Twitchell
 U. S. Geol. Sur., Mon. 54, 1915, p. 69, pl. XXVIII, figs. 1a-g
 Formation: Cretaceous, Ripley
 Location: Alabama; Mississippi
- *texanus* (Clark) Cragin
 Texas Geol. Sur., 4th Ann. Rept., 1893, p. 150, no pl.
 Formation: Cretaceous
 Location: Texas
- *texanus* (Clark) Clark
 U. S. Geol. Sur. Bull. 97, 1893, p. 62, pl. XXVI, figs. 2a-f
 Formation: Cretaceous, Austin Chalk
 Location: Texas
- *texanus* (Clark) Clark and Twitchell
 U. S. Geol. Sur., Mon. 54, 1915, p. 70, pl. XXVIII, figs. 2a-f
 Formation: Cretaceous, Austin Chalk
 Location: Austin, Texas

***Ephora proquardicostata* n. sp. Wade**

Phila. Acad. Nat. Sci. Proc., vol. 69, 1917, p. 293, pl. XVIII, fig. 7

Formation: Upper Cretaceous, Ripley

Location: Coon Creek, McNairy Co., Tenn.

***Enallaster bravoensis* n. sp. Böse**

Inst. Geol. de México, Bol. 25, p. 168, 1910, Lám. XLI, figs. 5-10;

Lám. XLII, figs. 2-12; Lám. XLIII, figs. 1-2, 6-7

Formation: Cretaceous, Cenomanian

Location: Cerro Muleros

— *bravoensis* (Böse) Adkins

Univ. of Texas Bull. No. 1856, 1918, p. 114, pl. VIII, fig. 4

Formation: Cretaceous, Upper Washita

Location: North Texas

— *bravoensis* (Böse) Adkins and Winton

Univ. of Texas Bull. 1945, 1919, p. 58, pl. IX, fig. 11

Formation: Cretaceous, Upper Washita

Location: North Texas

— *bravoensis* (Böse) Whitney

Bull. Amer. Pal., vol. 5, No. 26, 1916, p. 16, pl. VI, figs. 3-5

Formation: Cretaceous, Buda

Location: Texas

— *inflatus* n. sp. Cragin

Texas Geol. Sur., 4th Ann. Rept., 1893, p. 150, pl. XXIV, fig. 13

Formation: Cretaceous

Location: Texas

— *longisulcus* n. sp. Adkins and Winton

Univ. of Texas Bull. 1945, 1919, p. 55, pl. IX, figs. 4, 8, 9, 10

Formation: Cretaceous, Fort Worth limestone

Location: North Texas

— cfr. *mexicanus* (Cotteau) Böse

Inst. Geol. de México, Bol. 25, 1910, p. 165, Lám. XXXIX, figs.

9, 11; Lám. XL, figs. 4-5; Lám. XLI, fig. 1

Formation: Cretaceous, Vraconian

Location: Chihuahua

— cfr. *obliquatus* (Clark) Böse

Inst. Geol. de México, Bol. 25, 1910, p. 165, Lám. XXXIX, fig. 10

Formation: Cretaceous, Vraconian

Location: Mexico

— *obliquatus* (Clark) Clark

U. S. Geol. Sur., Bull. 97, 1893, p. 79, pl. XL, figs. 1a-1

Formation: Cretaceous, Glen Rose

Location: Texas

— *obliquatus* (Clark) Clark and Twitchell

U. S. Geol. Sur., Mon. 54, 1915, p. 86, pl. XL, figs. 1a-1

Formation: Cretaceous, Glen Rose

Location: Texas

— *texanus* (Roemer) Cragin

Texas Geol. Sur., 4th Ann. Rept., 1893, p. 51, no pl.

Formation: Cretaceous

Location: Texas

— *texanus* (Roemer) Clark and Twitchell

U. S. Geol. Sur., Mon. 54, 1915, p. 86, pl. XXXIX, figs. 2a-g

Formation: Cretaceous

Location: Texas; New Mexico

- **texanus** (Roemer) Böse
 Inst. Geol. de México, Bol. 25, p. 166, 1910, Lám. XL, figs. 6-10;
 Lám. XLI, figs. 2-4; Lám. XLII, fig. 1
 Formation: Cretaceous, Vraconian
 Location: Chihuahua, Mexico
- **texanus** (Roemer) Adkins and Winton
 Univ. of Texas Bull. 1945, 1919, p. 55, pl. IX, figs. 12, 13
 Formation: Cretaceous, Goodland to Grayson
 Location: North Texas
- **texanus** (Roemer) Clark
 U. S. Geol. Sur., Bull. 97, 1893, p. 78, pl. XXXIX, figs. 2a-g
 Formation: Cretaceous, Comanche Peak
 Location: Texas
- **traski** n. sp. Whitney
 Bull. Amer. Pal., vol. 5, No. 26, 1916, p. 15, pl. VIII, figs. 1-3
 Formation: Cretaceous, Buda
 Location: Austin, Texas
- **wenoensis** n. sp. Adkins
 Univ. of Texas Bull., No. 1856, 1918, p. 112, pl. V, fig. 3
 Formation: Cretaceous, Weno and Pawpaw
 Location: Fort Worth and Rio Vista, Texas
- Encrinurus hyatti** Clark n. sp. Clark and Twitchell
 U. S. Geol. Sur., Mon. 54, 1915, p. 22, pl. I, figs. 3a-b
 Formation: Triassic
 Location: Plumas county, California
- Endiscoceras** (Hyatt) Hyatt and Smith
 U. S. Geol. Sur., Prof. Paper 40, 1905, p. 179
 Formation: Triassic
- **gabbi** (Meek) Hyatt and Smith
 U. S. Geol. Sur. Prof. Paper 40, 1905, p. 179, pl. XXIV, figs. 1, 2
 Formation: Triassic
 Location: Nevada
- Endocostea brooksi** n. sp. Johnson
 School of Mines Quart., vol. 24, 1903, No. 2, p. 192, pl. V, figs. 23, a, b,
 Formation: Cretaceous, Fort Pierre age
 Location: New Mexico
- **brooksi** n. sp. Johnson
 Columbia Univ. Contr. Geol. Dept., Vol. X, No. 90, 1903, p. 120,
 pl. V, figs. 23, a, b
 Formation: Cretaceous, Fort Pierre age
 Location: Madrid, New Mexico
- **typica** (Whitfield) Johnson
 School of Mines Quart., vol. 24, No. 2, 1903, p. 191. (See Rept.
 Geol. Black Hills, Dakota, p. 403)
 Formation: Cretaceous, Fort Pierre age
 Location: New Mexico
- ? **typica** (Whitfield) Johnson
 Columbia Univ., Contr. Geol. Dept., Vol. X, No. 90, 1903, p. 119
 Formation: Cretaceous, Fort Pierre age
 Location: Achavica Arroyo, New Mexico
- Endoptygma umbilicata** (Toumey) Weller
 Geol. Sur. of N. J. Pal., vol. 4, 1907, p. 692, pl. LXXVIII, figs. 4-6
 Formation: Cretaceous, Merchantville clay-marl

- Location: New Jersey; Mississippi; Alabama
- *umbilicata* Whitfield
 Geol. Sur. N. J., vol. 2, 1892, p. 136, pl. XVII, fig. 20
 Formation: Cretaceous, Lower Green Marls
 Location: New Jersey
- *umbilicata* (Toumey) Whitfield
 U. S. Geol. Sur., Mon. 18, 1892, p. 136, pl. XVII, fig. 20
 Formation: Cretaceous, Lower Green Marls
 Location: Burlington, New Jersey
- Engonoceras* (Neumayr) Hyatt
 U. S. Geol. Sur., Mon. 44, 1903, p. 157, no pl.
 Formation: Cretaceous
- (Neumayr) Lasswitz
 Geol. and Pale. Abh. N. F. 6, Heft. 4, 1904, pag. 12, Taf. I (XIII),
 figs. 1-4
 Formation: Cretaceous
 Location: Texas
- *ambiguum* (Hyatt) Lasswitz
 Geol. and Pale. Abh. N. F. 6, Heft. 4, 1904, pag. 12, Taf. I (XIII),
 fig. 1
 Formation: Cretaceous
 Location: Texas
- *belviderense* (Cragin) Hyatt
 U. S. Geol. Sur., Mon. 44, 1903, p. 158, pl. XVIII, figs. 4, 5
 Formation: Cretaceous, Washita
 Location: Kansas
- *complicatum*, n. sp. Hyatt
 U. S. Geol. Sur., Mon. 44, 1903, p. 175, pl. XXIV, figs. 6-8
 Formation: Cretaceous
 Location: Texas
- *dumbli* (Cragin) sp. emend Lasswitz
 Geol. and Pale. Abh., N. F. 6, Heft. 4, 1904, pag. 12, Taf. I (XIII),
 fig. 2
 Formation: Cretaceous
 Location: Texas
- *emarginatum* (Cragin) Hyatt
 U. S. Geol. Sur., Mon. 44, 1903, p. 177, no pl.
 Formation: Cretaceous
 Locality not given
- *gibbosum* n. sp. Hyatt
 U. S. Geol. Sur., Mon. 44, 1903, p. 171, pl. XXII, figs. 6-10; pl.
 XXIII, figs. 1-6
 Formation: Cretaceous, Fredericksburg
 Location: Denison, Texas
- *Hilli* (Boehm) emend Lasswitz
 Geol. and Pale. Abh. N. F. 6, Heft. 4, 1904, pag. 13, Taf. I (XIII),
 fig. 4, Text fig. 2
 Formation: Cretaceous
 Location: Texas
- *cfr. Pedernale* (v. Buch) (Hyatt) Böse
 Inst. Geol. de México, Bol. 25, 1910, p. 82, Lám. XI, figs. 1-3
 Formation: Cretaceous, Vraconian
 Location: Chihuahua, Mexico
- *pierdenale* var. *commune* Hyatt
 U. S. Geol. Sur., Mon. 44, 1903, p. 165, pl. XXI, fig. 1

- Formation: Cretaceous
Location: Texas
- **pierdenale** (Von Buch) Hyatt
U. S. Geol. Sur., Mon. 44, 1903, p. 165, pl. XX, figs. 6-13
Formation: Cretaceous, Fredericksburg group
Location: Texas
 - **pedernale** (v. Buch) Lasswitz
Geol. und Pale. Abh. (Koken) N. F. Bd. 6, Heft. 4, p. 12, no pl.
Formation: Cretaceous
Location: Texas
 - **roemeri** (Cragin) Hyatt
U. S. Geol. Sur. Mon. 44, 1903, p. 177, no pl.
Formation: Cretaceous, Glenrose
Location: Texas
 - **serpentinum** (Cragin) Adkins
Univ. of Texas Bull. No. 1856, 1918, p. 84, pl. IV, figs. 3, 5-6, 12
Formation: Cretaceous, Weno and Pawpaw
Location: Texas
 - **serpentinum** (Cragin) Hyatt
U. S. Geol. Sur. Mon. 44, 1900, p. 162, pl. XIX; figs. 7-14; pl. XX, figs. 1-5
Formation: Cretaceous, Pawpaw beds
Location: Gainesville and Denison, Texas
 - **sp.** Adkins
Univ. of Texas Bull. No. 1856, 1918, p. 85, pl. IV, figs. 8-10
Formation: Cretaceous, Pawpaw, Grayson, Denton, Duck Creek
Location: Texas
 - **G. Stolleyi** (Böhm) Böse
Inst. Geol. de México, Bol. 25, 1910, Apéndice
Formation: Cretaceous
Location: Peru
 - **G. Stolleyi** (Böhm) Böse
Inst. Geol. de México, Bol. 25, 1910, p. 81, Lám. XI, figs. 4-16
Formation: Cretaceous, Vraconian
Location: Chihuahua, Mexico
 - **G. Stolleyi** (Boehm) emend Lasswitz
Geol. and Pale. Abh. N. F. 6, Heft. 4, 1904, pag. 13, Taf. I (XIII), fig. 3
Formation: Cretaceous
Location: Texas
 - **stolleyi** (Böhm) Hyatt
U. S. Geol. Sur. Mon. 44, 1903, p. 175, pl. XXIII, figs. 7-9; pl. XXIV, figs. 1-5
Formation: Cretaceous
Location: Texas
 - **sp. ind.** Böse
Inst. Geol. de México, Bol. 25, 1910, p. 83, Lám. XII, figs. 1-3
Formation: Cretaceous, Vraconian
Location: Chihuahua
 - **subjectum** n. sp. Hyatt
U. S. Geol. Sur. Mon. 44, 1903, p. 168, pl. XXI, figs. 2-6; pl. XXII, figs. 1-5
Formation: Cretaceous
Location: Texas
 - **addensi** (Cragin) Hyatt

- U. S. Geol. Sur. Mon. 44, 1903, p. 159, pl. XIX, figs. 1-6
 Formation: Cretaceous, Kiowa shales
 Location: Kansas
- Engonoceratidae** Hyatt
 U. S. Geol. Sur. Mon. 44, 1903, p. 153, no pl.
- Enoploclytia minor** n. sp. Woodward
 Geol. Mag., n. s. decade 4, vol. 7, 1900, 434
 Formation: Upper Cretaceous
 Location: Hornby Island, Vancouver
- **minor** (Woodward) Whiteaves
 Can. Geol. Sur. Mesozoic Fossils, vol. 1, 1903, pt. 5, p. 321, no pl.
 Formation: Cretaceous
 Location: Vancouver group
- Entalophora conradi** (Gabb and Horn) Weller
 Geol. Sur. N. J. Pal., vol. 4, 1907, p. 323, pl. XXII, fig. 9
 Formation: Cretaceous, Vincentown limesand
 Location: Vincentown, New Jersey
- Entalis cooperi** (Gabb) Whiteaves
 Can. Geol. Sur. Mesozoic Fossils, vol. 1, pt. 5, 1903, p. 372, no pl.,
 no description
 Formation: Cretaceous
 Location: Hornby Island
- Entolium**, sp. ? Hyatt
 Geol. Soc. Amer. Bull., vol. 5, 1894, p. 417, no pl.
 Formation: Triassic and Jurassic
 Location: Sailors Canyon, California
- Epiaster aguilerae** Böse n. sp.
 Inst. Geol. de México, Bol. 25, p. 173, lám. XLVII; figs. 2-4,
 6-7; lám. XLVIII, figs. 1, 2, 4
 Formation: Cretaceous, Cenomanian
 Location: Cerro Muleros, Mexico
- **aguilerae** Böse Adkins
 Univ. of Texas Bull. No. 1856, 1918, p. 109, pl. V, fig. 5; pl. VIII,
 fig. 7
 Formation: Cretaceous, Basal Fort Worth limestone
 Location: Fort Worth, Texas
- **electus** n. sp. Cragin
 Texas Geol. Sur., 4th Ann. Rept., 1893, p. 152, no pl.
 Formation: Cretaceous
 Location: Travis county, Texas
- **elegans** (Shum.) Clark
 U. S. Geol. Sur. Bull. 97, 1893, p. 80, pl. XLI; figs. 1a-b; pl. XLII,
 figs. 1a-b, pl. XLIII, figs. 1a-e
 Formation: Cretaceous, Washita
 Location: Texas
- **elegans** (Shum.) Cragin
 Texas Geol. Sur., 4th Ann. Rept., 1893, p. 152, no pl.
 Formation: Cretaceous, Fort Worth limestone
 Location: Oklahoma
- **elegans** var. nov. **praenuntius** Cragin
 Texas Geol. Sur., 4th Ann. Rept., 1893, p. 152, no pl.
 Formation: Cretaceous, Comanche Peak
 Location: Texas
- **hemiasterinus** n. sp. Cragin
 Texas Geol. Sur., 4th Ann. Rept., 1893, p. 153, no pl.

- Formation: Cretaceous, Arietina clay
 Location: Fort Worth, Texas
- (?) sp. indt. Hill
 Wash. Biol. Soc. Proc., vol. 8, 1893, p. 21, no pl.
 Formation: Cretaceous, Glen Rose
 Location: Travis county, Texas
- *subobesus* n. sp. Adkins
 Univ. of Texas Bull. No. 1856, 1918, p. 110, pl. XI, fig. 3
 Formation: Cretaceous, Weno and Pawpaw
 Location: Near Riovista, Texas
- *wenoensis* n. sp. Adkins
 Univ. of Texas Bull. No. 1856, 1918, p. 105, pl. VI, fig. 6
 Formation: Cretaceous, Weno and Pawpaw
 Location: Texas
- *whitei* (Clark) Clark
 U. S. Geol. Sur. Bull. 97, 1893, p. 82, pl. XLIII, figs. 2a-d; pl. XLIV, figs. 1a-g
 Formation: Cretaceous, Washita
 Location: Texas
- *whitei* (Clark) Cragin
 Texas Geol. Sur., 4th Ann. Rept., 1893, p. 154, no pl.
 Formation: Cretaceous, Comanche Peak
 Location: Texas
- Epidromus** — see **Triton**
- Epitonium** (Bolten) Gardner
 Maryland Geol. Sur., U. Cret., 1916, p. 477, no pl.
- *cecilium* n. sp. Gardner
 Maryland Geol. Sur., U. Cret., 1916, p. 479, pl. XV, figs. 11, 12
 Formation: Cretaceous, Monmouth
 Location: Kent county, Maryland
- *dakotensis* Stanton n. sp.
 U. S. Geol. Sur. Prof. Paper 128-A, 1920, p. 35, pl. VI, figs. 9a-b
 Formation: Cretaceous, Cannonball
 Location: Kayser, N. Dakota
- *marylandicum* n. sp. Gardner
 Maryland Geol. Sur., U. Cret., 1916, p. 478, pl. XVII, fig. 7
 Formation: Cretaceous, Monmouth
 Location: Prince George's county, Maryland
- Erato veraghocrensis** (?) (Stol) Anderson
 Cal. Acad. Sci. Proc., 3d ser., Geol., vol. 2, No. 1, 1902, p. 78, pl. IX, fig. 181, 182
 Formation: Cretaceous
 Location: Oregon
- Eripachya** ? *paludinaforis* n. sp. Whitfield
 Geol. Sur. N. J., vol. 2, 1892, p. 77, pl. III, figs. 16, 17
 Formation: Cretaceous, Lower Green Marls
 Location: New Jersey
- ? *paludinaformis* n. sp. Whitfield
 U. S. Geol. Sur., Mon. 18, p. 77, 1892, pl. III, figs. 16, 17
 Formation: Cretaceous, Lower Green Marls
 Location: Crosswicks, New Jersey
- Eriphyla conradi** (Whitfield) Weller
 Geol. Sur. N. J. Pal., vol. 4, 1907, p. 550, pl. LX, figs. 4-8
 Formation: Cretaceous, Merchantville clay-marl, Woodbury clay

- Location: New Jersey
 — **decemnaria** (Conrad) Weller
 Geol. Sur. N. J. Pal., vol. 4, 1907, p. 551, p. LX, fig. 9
 Formation: Cretaceous, Woodbury clay
 Location: New Jersey
 — **declevis** (Conrad) Weller
 Geol. Sur. N. J. Pal., vol. 4, 1907, p. 551, pl. LX, fig. 10
 Formation: Cretaceous, Woodbury clay
 Location: New Jersey
 — ? **mandanensis** Stanton n. sp. Stanton and Vaughan
 U. S. Geol. Sur. Prof. Paper 128A, 1920, p. 28, pl. IV, fig. 3
 Formation: Cretaceous, Cannonball
 Location: Mandan, N. Dakota
 — **pikensis** Hill
 Wash. Biol. Soc. Proc., vol. 8, 1893, p. 28, pl. IV, figs. 4, 5, 6
 Formation: Cretaceous
 Location: Texas; Arkansas
 — **parilis** (Conrad) Weller
 Geol. Sur. N. J. Pal., vol. 4, 1907, p. 552, pl. LX, fig. 11
 Formation: Cretaceous
 Location: New Jersey
Eryma Dawsoni n. sp. Woodward
 Geol. Mag., n. s, decade 4, vol. 7, 1900, p. 400, pl. XVI, fig. 2
 Formation: Upper Cretaceous
 Location: Hornby Island
 — **Dawsoni** (Woodward) Whiteaves
 Can. Geol. Sur. Mesozoic Fossils, vol. 1, 1903, pt. 5, p. 321, pl. XLI, fig. 2
 Formation: Cretaceous
 Location: Vancouver Island
Escharinella altimuralis n. sp. (Ulrich and Bassler) Weller
 Geol. Sur. N. J. Pal., vol. 4, 1907, p. 339, pl. XXIV, figs. 9, 10
 Formation: Cretaceous, Vincentown limesand
 Location: Vincentown, New Jersey
 — ? **altimuralis** (Ulrich and Bassler) Bassler
 Maryland Geol. Sur., U. Cret., 1916, p. 741, pl. XLVI, fig. 7
 Formation: Cretaceous, Rancocas
 Location: Delaware
Esperites ? sp. Merrill
 Harv. Coll. Mus. Comp. Zool. Bull., vol. 27, No. 1, 1896, p. 13, fig. 9
 Formation: Cretaceous flint
 Location: Texas
Estheria cfr. **minuta** (Alberti) Jones
 Geol. Mag., dec. IV, vol. 5, 1898, p. 293
 Formation: Triassic, Cimarron series
 Location: Hunnewell, Sumner Co., Kansas
Etea carolinensis (Conrad) Weller
 Geol. Sur. N. J. Pal., vol. 4, 1907, p. 541, pl. LIX, figs. 4-6
 Formation: Cretaceous, Marshalltown clay-marl
 Location: New Jersey; North Carolina
 — **delawarensis** (Gabb) Weller
 Geol. Sur. N. J. Pal., vol. 4, 1907, p. 546, pl. LIX, figs. 8-9
 Formation: Cretaceous, Manasquan marl
 Location: New Jersey
 — **trapezoidea** (Conrad) Weller

- Geol. Sur. N. J. Pal., vol. 4, 1907, p. 543, pl. LVIII, figs. 20, 21;
pl. LIX, fig. 7
Formation: Cretaceous, Merchantville clay-marl
Location: New Jersey; Alabama; Texas
- Eudiscoceras** (Hyatt) Hyatt and Smith
U. S. Geol. Sur. Prof. Paper 40, 1905, p. 179, no pl.
- **gabbi** (Meek) Hyatt and Smith
U. S. Geol. Sur. Prof. Paper 40, 1905, p. 179, pl. XXIV, figs. 1, 2
Formation: Triassic
Location: Nevada
- Eulimella** ? **funicula** (Meek) Herrick and Johnson
Denison Univ. Sci. Lab. Bull., vol. 11, art. 9, 1900, pl. XLII, fig. 9,
no description
Formation: Cretaceous
Location: Near Albuquerque, New Mexico
- ? **funicula** (Meek) Stanton
U. S. Geol. Sur. Bull. 106, 1893, p. 140, pl. XXX, fig. 9
Formation: Cretaceous
Location: Coalville, Utah
- Eunaticina** — see **Sigaretus**
- Eunema** **cretaceum** Whiteaves
Can. Geol. Sur. Mesozoic Fossils, vol. 1, pt. 5, 1903, p. 367, no pl.
Formation: Cretaceous
Location: Vancouver Island
- **cretaceum** n. sp. Whiteaves
Can. Roy. Soc. Proc. and Trans., 2d ser. vol. 1, sec. 4, 1896, p.
126, pl. 3, fig. 3
Formation: Cretaceous
Location: Northwest side of Hornby Island, Vancouver
- Eurynoticeras** **zitteli** n. sp. Burckhardt
Inst. Geol. de México, Bol. 23, 1906, p. 108, Lám. XXIX, figs.
1-17, Lám. XXX, figs. 1-3, 5-7, 9
Formation: Jurassic, Portlandian
Location: Mazapil, Mexico
- Euspira** — see **Polynices**
- Euthria** ?? **fragilis** (Whitfield) Weller
Geol. Sur. N. J. Pal., vol. 4, 1907, p. 753, pl. LXXXVIII, figs.
25, 26
Formation: Cretaceous, Woodbury clay
Location: New Jersey
- ? **fragilis** n. sp. Whitfield
Geol. Sur. N. J., vol. 2, 1892, p. 78, pl. IX, figs. 11, 12
Formation: Cretaceous, Lower Green Marls
Location: New Jersey
- ? **fragilis** n. sp. Whitfield
U. S. Geol. Sur. Mon. 18, 1892, p. 78, pl. IX, figs. 11, 12
Formation: Cretaceous, Lower Green Marls
Location: Haddonfield, New Jersey
- Eutomoceras** (Hyatt) Hyatt and Smith
U. S. Geol. Sur. Prof. Paper 40, 1905, p. 129, no pl.
Formation: Triassic
- (Hyatt) Smith
Cal. Acad. Sci. Proc., 3d ser., vol. 1, 1904, p. 380, no pl.
Formation: Triassic
- (Hyatt) Smith

- U. S. Geol. Sur. Prof. Paper 83, 1914, p. 60, no pl.
Formation: Triassic
- **breweri** n. sp. Smith
U. S. Geol. Sur. Prof. Paper 83, 1914, p. 61, pl. XXVIII, figs. 1-7
Formation: Triassic, Daonella zone
Location: West Humbolt range, Nevada
- (**Halilucites**) **dalli** Smith n. sp.
U. S. Geol. Sur. Prof. Paper 83, 1914, p. 65, pl. XXIX, figs. 1-11
Formation: Triassic
Location: West Humbolt range, Nevada
- **dunni** Smith
U. S. Geol. Sur. Prof. Paper 83, 1914, p. 62, pl. XXVII, figs. 14-25
Formation: Triassic
Location: West Humbolt range, Nevada
- **dunni** n. sp. Smith
Cal. Acad. Sci. Proc., 3rd ser., vol. 1, 1904, p. 381, pl. XLIII, fig. 11; pl. XLIV, fig. 4
Formation: Triassic
Location: Nevada
- **lahontanum** n. sp. Smith
U. S. Geol. Sur. Prof. Paper 83, 1914, p. 63, pl. XXVIII, figs. 8-11
Formation: Triassic
Location: West Humbolt range, Nevada
- **laubei** (Meek) Smith
Leland Stan. Jr. Univ. Pub. 1914, pl. IX, figs. 5-7
Formation: Triassic
Location: Nevada
- **laubei** (Meek) Smith
U. S. Geol. Sur. Prof. Paper 83, 1914, p. 63, pl. X; figs. 7-11;
pl. XXIV, figs. 8, 8a; pl. XXVI, figs. 7-9; pl. XXVII, figs. 1-13;
pl. XC, figs. 1-4
Formation: Triassic, Daonella beds
Location: Nevada
- **laubei** (Meek) Hyatt and Smith
U. S. Geol. Sur. Prof. Paper 40, 1905, p. 131, pl. LX, figs. 7-11
Formation: Triassic
Location: Nevada
- **sandlingense** (Hauer) Smith
Cal. Acad. Sci. Proc., 3d ser., vol. 1, 1904, p. 397, pl. XLVI; fig. 10; pl. XLVIII, figs. 5-6
Formation: Triassic, Karnic
Location: California; Alps
- Eutrophoceras** (Hyatt) Gardner
Maryland Geol. Sur., U. Cret., 1916, p. 371, no pl.
Formation: Cretaceous
- **dekayi** (Morton) Gardner
Maryland Geol. Sur., U. Cret., 1916, p. 372, pl. XIII, fig. 9
Formation: Cretaceous, Monmouth
Location: Maryland; Atlantic Coast
- Exilia** (Conrad) Gardner
Maryland Geol. Sur., U. Cret., 1916, p. 463, no pl.
Formation: Cretaceous
- **cretacea** n. sp. Gardner
Maryland Geol. Sur., U. Cret., 1916, p. 464, pl. XIV, fig. 13
Formation: Cretaceous, Monmouth

- Location: Prince George's county, Maryland
- Exogyra** (Say) Gardner
 Maryland Geol. Sur., U. Cret., 1916, p. 563, no pl.
 Formation: Cretaceous
- (Say) [Harris]
 Amer. Bull. Pal., vol. 1, No. 5, 1896, p. 291, no pl.
 Formation: Cretaceous ? Ancient Alluvium
- **potosina** n. sp. Aguilera
 Com. Geol. de México, Bol. 1, 1895, p. 3, Lám. XI, fig. 9
 Formation: Jurassic
 Location: Mexico, San Luis, Potosi
- **americana** (Marcou) Adkins and Winton
 Univ. of Texas Bull. 1945, 1919, p. 66, pl. XIV, figs. 1-2
 Formation: Cretaceous, Forth Worth, Duck Creek
 Location: North Texas
- **americana** (Marcou) Cragin
 Texas Geol. Sur., 4th Ann. Rept., 1893, p. 183, pl. XXXI
 Formation: Cretaceous
 Location: Quitman Mountains, Texas
- **arietina** (Roemer) Adkins and Winton
 Univ. of Texas Bull. 1945, 1919, p. 66, pl. XIII, figs. 1-6
 Formation: Cretaceous, Mainstreet, Grayson
 Location: Texas
- **arietina** (Roemer) Böse
 Univ. of Texas Bull. No. 1902, 1919, p. 19, pl. IV, figs. 1-18;
 pl. V, figs. 1-23
 Formation: Cretaceous, Del Rio
 Location: Schoal Creek, Austin, Texas
- **cartledgei** n. sp. Böse
 Univ. of Texas Bull. 1902, 1919, p. 17, pl. I, figs. 7-13; pl. II,
 figs. 1-4; pl. III, figs. 1-8
 Formation: Cretaceous
 Location: Brewster county, Texas
- **clarki** n. sp. Shattuck
 U. S. Geol. Sur., Bull. 205, 1903, p. 22, pl. X, XI
 Formation: Cretaceous
 Location: Austin, Texas
- **columbella** (Meek) Stanton
 U. S. Geol. Sur. Bull. 106, 1893, p. 63, pl. VIII, figs. 2-4
 Formation: Cretaceous, Eagle Ford shale
 Location: Texas
- **columbella** (Meek) Cragin
 Texas Geol. Survey, 4th Ann. Rept., 1893, p. 184, no pl.
 Formation: Cretaceous, Timber Creek sandstone
 Location: Texas
- **costata** (Say) Böse
 Inst. Geol. de México, Bol. 30, 1906, p. 51, Lám. VI, fig. 3; Lám.
 VII, fig. 1; Lám. VIII, figs. 2, 3; Lám. IX, fig. 3
 Formation: Cretaceous, Senonian
 Location: Coahuila
- **costata** (Say) Gardner
 Maryland Geol. Sur., U. Cret., 1916, p. 564, pl. XXV, fig. 5; pl.
 XXVI; pl. XXVII, figs. 1, 2
 Formation: Cretaceous
 Location: Delaware; Maryland; New Jersey; North and South

- Carolina; Georgia; Alabama; Texas; Mexico; India
- **costata** (Say) Harris and Veatch
 Geol. Sur., Louisiana, pt. 5, 1899, p. 292, pl. XLIX, fig. 1
 Formation: Cretaceous
 Location: Rayburn's Salt Work, Bienville Parish, La., King's Salt Work
- **costata** (Say) [Harris]
 Bull. Amer. Pal., vol. 1, No. 5, 1896, p. 291, no pl.
 Formation: Cretaceous, Ancient Alluvium
 Location: New Jersey
- **costata** (Say) Weller
 Geol. Sur. N. J. Pal., vol. 4, 1907, p. 456, pl. XLVII, fig. 1
 Formation: Cretaceous, Navesink marl, Red Bank sand
 Location: New Jersey; Delaware; Alabama; Mississippi; Texas; Arkansas
- **costata** (Say) Böse
 Inst. Geol. de México, Bol. 24, 1906, p. 51, Lám. VI, fig. 3; Lám. VII, fig. 1; Lám. VIII, figs. 2, 3; Lám. IX, fig. 3
 Formation: Cretaceous, Senonian
 Location: Mexico
- **costata** (Say) Stephenson
 U. S. Geol. Sur. Prof. Paper 81, 1914, p. 40, pl. XVI, figs. 3, 4; pl. XVII, figs. 1, 2; pl. XVIII; pl. XIX, figs. 1-4; pl. XV, fig. 1
 Formation: Cretaceous
 Location: Gulf Coast Region
- **costata** var. **cancellata** n. var. Stephenson
 U. S. Geol. Sur. Prof. Paper 81, 1914, p. 53, pl. XV, figs. 2, 3, 4; pl. XVI, figs. 1, 2
 Formation: Cretaceous
 Location: Gulf Coast Region
- **costata** var. **cancellata** (Stephenson) Gardner
 Maryland Geol. Sur., U. Cret., 1916, p. 566, pl. XXVII, fig. 3
 Formation: Cretaceous, Matawan, Monmouth, Navarro, Peedee
 Location: Maryland; Delaware; New Jersey; Texas; Mississippi; Mexico
- **drakei** n. sp. Cragin
 Texas Geol. Sur., 4th Ann. Rept., 1893, p. 184, pl. XXIX; figs. 8-11
 Formation: Cretaceous, Bosqueville
 Location: McLennan county, Texas
- **ferox** n. sp. Cragin
 Texas Geol. Sur., 4th Ann. Rept., 1893, p. 185, pl. XXXII, fig. 1; pl. XXXIII, fig. 5; pl. XXXIV, fig. 1; pl. XXXVI, fig. 6
 Formation: Cretaceous, Cross Timber sandstone
 Location: Fannin county, Texas
- **haarmanni** n. sp. Böse
 Univ. of Texas Bull. No. 1856, 1918, p. 230, pl. XVIII, figs. 4-8
 Formation: Cretaceous, Cenomanian
 Location: Mexico
- **hilli** n. sp. Cragin
 Texas Geol. Sur., 4th Ann. Rept., 1893, p. 186, no pl.
 Formation: Cretaceous, Dinosaur sands
 Location: Travis county, Texas

- *laeviuscula* (Roemer) Logan
 Kan. Univ. Geol. Sur., vol. 4, 1898, p. 448, no pl.
 Formation: Cretaceous, Lincoln marble
 Location: Kansas
- *laeviuscula* (Roemer) Stanton
 U. S. Geol. Sur. Bull. 106, 1893, p. 64, pl. VIII, figs. 5, 6
 Formation: Cretaceous
 Location: Linear plateau, southeast Utah
- *laeviuscula* (Roemer) Cragin
 Texas Geol. Sur., 4th Ann. Rept., 1893, p. 186, no pl.
 Formation: Cretaceous, Arietina marl and Vola limestone
 Location: Austin, Texas
- *cfr. clisiponensis* (Sharpe) Böse
 Univ. of Texas Bull. No. 1856, 1918, p. 230, no pl.
 Formation: Cretaceous, Cenomanian ?
 Location: Mexico
- *parasitica* (Gabb) Whiteaves
 Geol. Sur. Can., Mesozoic Fossils, 1903, vol. 1, pt. 5, p. 401, no pl.
 Formation: Cretaceous
 Location: Vancouver Island
- *paupercula* n. sp. Cragin
 Texas Geol. Sur., 4th Ann. Rept., 1893, p. 186, pl. XXX, figs. 7, 8
 Formation: Cretaceous, Alternating beds
 Location: Erath county, Texas
- *plexa* n. sp. Cragin
 Texas Geol. Sur., 4th Ann. Rept., 1893, p. 187, pl. XXX, figs. 3-6
 Formation: Cretaceous
 Location: Grayson and Tarrant counties, Texas
- *plexa* (Cragin) Adkins and Winton
 Univ. of Texas Bull. 1945, 1919, p. 65, pl. XIII, figs. 7-10
 Formation: Cretaceous, Goodland to Duck Creek
 Location: North Texas
- *ponderosa*, Roem. Böse
 Inst. Geol. de México, Bol. 30, 1913, p. 50, Lám. IX, figs. 1, 2
 Formation: Cretaceous, Senonian (lower part)
 Location: Coahuila, Mexico
- *ponderosa* (Roemer) Gardner
 Maryland Geol. Sur., U. Cret., 1916, p. 569, no pl.
 Formation: Cretaceous, Matawan, Selma, Black Creek, Anacacho, Taylor
 Location: Maryland; Delaware; New Jersey; Georgia; Mississippi; Texas
- *ponderosa* (Roemer) Weller
 Geol. Sur. N. J. Pal., vol. 4, 1907, p. 58, pl. XLVII, fig. 2
 Formation: Cretaceous, Marshalltown marl
 Location: New Jersey; Alabama; Texas
- *ponderosa* (Roemer) Logan
 Kan. Univ. Geol. Sur., vol. 4, 1898, p. 447, no pl.
 Formation: Cretaceous, Lincoln marble
 Location: Kansas
- *ponderosa* (Roemer) Stanton
 U. S. Geol. Sur. Bull. 106, 1893, p. 65, pl. VII, figs. 1, 2
 Formation: Cretaceous
 Location: Utah
- *ponderosa* (Roemer) Stephenson

- U. S. Geol. Sur. Prof. Paper 81, 1914, p. 46, pl. XIII, figs. 5, 6, 7;
pl. XIV, pl. XV, figs. 1, 2, 3
Formation: Cretaceous
Location: Gulf Coast Region
- **ponderosa** (Roem.) var. **Clarki**, Shattuck, Böse
Inst. Geol. de México, Bol. 25, 1910, p. 115, Lám. XXII, fig. 17;
Lám. XXIV, fig. 6; Lám. XXV, fig. 8; Lám. XXVI, figs. 4-11
Formation: Cretaceous, Cenomanian
Location: Cerro de Muleros, Mexico
- **ponderosa** var. **erraticostata** n. var. Stephenson
U. S. Geol. Sur. Prof. Paper 81, 1914, p. 49, pl. XV, fig. 4; pl.
XVI, figs. 1, 2
Formation: Cretaceous
Location: Gulf Coast Region
- **potosina** (Castillo and Aguilera) Cragin
U. S. Geol. Sur. Bull. 266, 1905, p. 41, pl. III, fig. 7; pl. IV, fig. 7
Formation: Jurassic
Location: Malone, Texas
- **suborbiculata** (Lamark) sp. Stanton
U. S. Geol. Sur. Bull. 106, 1893, p. 62, pl. V, fig. 6; pl. VIII, fig. 1;
pl. VI, figs. 1, 2
Formation: Cretaceous, Pugnellus sandstone
Location: Pueblo, Colorado
- **subplicifera** (Felix) Cragin
U. S. Geol. Sur., Bull. 266, 1905, p. 41, pl. IV, figs. 1-4
Formation: Jurassic
Location: Malone, Texas
- **texana** (Roem.) Böse
Inst. Geol. de México, Bol. 25, 1910, p. 112, Lám. XX, figs. 14-16;
Lám. XXI, figs. 1-11; Lám. XXII, figs. 1-9
Formation: Cretaceous, Vraconian
Location: Sonora and Chihuahua, Mexico
- **texana** (Roemer) Adkins and Winton
Univ. of Texas Bull. 1945, 1919, p. 64, pl. XIII, figs. 15, 16
Formation: Cretaceous, Goodland, Walnut
Location: North Texas
- **upatoiensis** n. sp. Stephenson
U. S. Geol. Sur. Prof. Paper 81, 1914, p. 46, pl. XIII, figs. 1-4
Formation: Cretaceous
Location: Upatoi Creek, Columbus, Georgia
- **weatherfordensis** n. sp. Cragin
Tex. Geol. Sur., 4th Ann. Rept., 1893, p. 188, pl. XLV, figs. 7-10
Formation: Cretaceous, Alternating beds
Location: Texas
- **weatherfordensis** (Cragin) Adkins and Winton
Univ. of Texas Bull. 1945, 1919, p. 65, pl. XIII, figs. 11-14
Formation: Cretaceous, Walnut
Location: North Texas
- sp. Weller
Geol. Sur. N. J. Pal., vol. 4, 1907, p. 460, pl. XLVII, fig. 3
Formation: Cretaceous, Merchantville clay-marl
Location: New Jersey
- Fagesia haarmanni** n. sp. Böse
Univ. of Texas Bull. No. 1856, 1918, p. 211, pl. XIV, figs. 1, 2;

- pl. XV, fig. 2
 Formation: Cretaceous, Lower Turonian
 Location: Mexico
- *pervinquieri* n. sp. Böse
 Univ. of Texas Bull. No. 1856, 1918, p. 212, pl. XIV, fig. 3
 Formation: Cretaceous, Lower Turonian
 Location: Mexico
- Falcula** — see **Dentalium**
- (Conrad) Whitfield
 Geol. Sur. N. J., vol. 2, 1892, p. 168, no pl.
 Formation: Cretaceous
- (Conrad) Whitfield
 U. S. Geol. Sur. Mon. 18, 1892, p. 168, no pl.
 Formation: Cretaceous, Lower Green Marls
- Falsifusus mesozoicus** n. sp. Wade
 Phila. Acad. Nat. Sci. Proc., vol. 69, 1917, p. 284, pl. XVII, figs. 11, 12
 Formation: Upper Cretaceous, Ripley
 Location: Coon Creek, McNairy Co., Tenn.
- Fasciolaria** — (Lamarck) Gardner
 Maryland Geol. Sur., U. Cret., 1916, p. 437, no pl.
 Formation: Cretaceous
 Location: Maryland
- ? *cordensis* Stanton n. sp. Stanton and Vaughan
 U. S. Geol. Sur. Prof. Paper, 128-A, 1920, p. 43, pl. VIII, figs. 8a-10
 Formation: Cretaceous, Cannonball
 Location: Heart River near Almont, N. Dakota
- ? (*Mesochytis*) *dakotensis* Stanton n. sp. Stanton and Vaughan
 U. S. Geol. Sur. Prof. Paper 128-A, 1920, p. 43, pl. VIII, figs. 13a-14b
 Formation: Cretaceous, Cannonball
 Location: Kayser, Price, Pretty Rock, and Janesburg, N. Dakota, Lemmon, S. Dakota
- ? *jimcea* n. sp. Gardner
 Maryland Geol. Sur., U. Cret., 1916, p. 438, pl. XIV, fig. 12
 Formation: Cretaceous, Monmouth
 Location: Maryland
- *lloydi* Stanton n. sp. Stanton and Vaughan
 U. S. Geol. Sur. Prof. Paper 128-A, 1920, p. 42, pl. VIII, figs. 11a, b
 Formation: Cretaceous, Cannonball
 Location: Kayser and Leith, N. Dakota; Morristown, S. Dakota
- *mandanensis* Stanton n. sp. Stanton and Vaughan
 U. S. Geol. Sur. Prof. Paper 128-A, 1920, p. 43, pl. VIII, figs. 5-7
 Formation: Cretaceous, Cannonball
 Location: Near Mandan and Leith, N. Dakota
- ? sp. Gardner
 Maryland Geol. Sur., U. Cret., 1916, p. 438, pl. XIV, fig. 11
 Formation: Cretaceous, Monmouth
 Location: Maryland
- sp. Logan
 Field Col. Mus. Geol. ser., vol. 1, No. 6, 1899, p. 214, pl. XXV, figs. 1-3

- Formation: Cretaceous, Benton
 Location: Kansas
- ? (*Cryptorhytis*) *utahensis* (Meek) sp. Stanton
 U. S. Geol. Sur. Bull. 106, 1893, p. 153, pl. XXXII, figs. 3, 4
 Formation: Cretaceous, Pugnellus sandstone
 Location: Utah; Colorado
- ? *walcotti* n. sp. Stanton
 U. S. Geol. Sur. Bull. 106, 1893, p. 153, pl. XXXII, fig. 5
 Formation: Cretaceous
 Location: Utah
- Favia texana* n. sp. Cragin
 Texas Geol. Sur., 4th Ann. Rept., 1893, p. 145, pl. XXIV, fig. 1;
 pl. XLVI, fig. 5
 Formation: Cretaceous, "Drift"
 Location: Texas
- Ficus precedens* n. sp. Whitfield
 Geol. Sur. N. J., vol. 2, 1892, p. 122, pl. XV, figs. 7, 8
 Formation: Cretaceous, Lower Green Marls
 Location: New Jersey
- *precedens* (n. sp.) Whitfield
 U. S. Geol. Sur., Mon. 18, 1892, p. 122, pl. XV, figs. 7, 8
 Formation: Cretaceous, Lower Green Marls
 Location: Holmdel, New Jersey
- Filifascigera megaera* (Lonsdale) Weller
 Geol. Sur. N. J. Pal., vol. 4, 1907, p. 325, pl. XXII, figs. 12-15
 Formation: Cretaceous, Vincentown limesand
 Location: Vincentown, New Jersey
- *megaera* (Lonsdale) Bassler
 Maryland Geol. Sur., U. Cret., 1916, p. 739, pl. XLVI, fig. 12
 Formation: Cretaceous, Rancocas
 Location: New Jersey; Delaware
- Filisparsa bifurcate* (Ulrich and Bassler) n. sp. Weller
 Geol. Sur. N. J. Pal., vol. 4, 1907, p. 322, pl. XXII, fig. 8
 Formation: Cretaceous, Vincentown limesand
 Location: Vincentown, New Jersey
- *contortilis* (Lonsdale) Weller
 Geol. Sur. N. J. Pal., vol. 4, 1907, p. 322, pl. XXII, figs. 5-7
 Formation: Cretaceous, Vincentown limesand
 Location: Vincentown, New Jersey
- Fissurella bipunctata* n. sp. Stanton
 U. S. Geol. Sur., Bull. 133, 1895, p. 63, pl. XIII, fig. 8
 Formation: Cretaceous, Knoxville beds
 Location: California
- Fistulana ruperti* n. sp. Whitney
 Texas Acad. Sci. Trans., vol. 12, 1913, p. 19, pl. VII, figs. 5, 6
 Formation: Cretaceous, Buda limestone
 Location: Austin, Texas
- *ruperti* n. sp. Whitney
 Univ. of Texas Bull. 184, 1911, p. 19, pl. VII, figs. 5, 6
 Formation: Cretaceous, Buda
 Location: Austin, Texas
- Flabellina cordata* (Reuss) Bagg
 U. S. Geol. Sur. Bull. 88, 1898, p. 59, no pl.
 Formation: Cretaceous, Rancocas

- Location: New Jersey
 — *cordata* (Reuss) Weller
 Geol. Sur. N. J. Pal., vol. 4, 1907, p. 246, no pl.
 Formation: Cretaceous, Vincentown limesand
 Location: Vincentown, New Jersey
- *sagittaria* (Lea) Weller
 Geol. Sur. N. J. Pal., vol. 4, 1907, p. 247, pl. III, figs. 16, 17
 Formation: Cretaceous, Hornerstown marl
 Location: New Jersey
- *sagittaria* (Lea) Baggs
 U. S. Geol. Sur., Bull. 88, 1898, p. 59, pl. IV, figs. 1a, 1b
 Formation: Cretaceous, Rancocas
 Location: New Mexico
- Flabellum mortoni* (Vaughan) Weller
 Geol. Sur. N. J. Pal., vol. 4, 1907, p. 267, pl. V, figs. 1-4
 Formation: Cretaceous, Manasquan Marl
 Location: New Jersey
- Flemingites russelli* n. sp. Hyatt and Smith
 U. S. Geol. Sur. Prof. Paper 40, 1905, p. 121, pl. I, figs. 1-3; pl. LXX, figs. 1-3
 Formation: Triassic
 Location: Idaho
- *russelli* (Hyatt and Smith) Smith
 Cal. Acad. Sci. Proc., 3d ser., vol. 1, 1904, p. 378, pl. XLII, fig. 5; pl. XLIII, figs. 5, 6
 Formation: Triassic
 Location: Idaho
- (Waagen) Smith
 Cal. Acad. Sci. Proc., 3d ser., vol. 1, 1904, p. 377, no pl.
 Formation: Triassic
- (Waagen) Hyatt and Smith
 U. S. Geol. Sur. Prof. Paper 40, 1905, p. 120, no pl.
 Formation: Triassic
- Flickia boesei* n. sp. Adkins
 Univ. of Texas Bull. No. 1856, 1918, p. 85, pl. I, figs. 1-3
 Formation: Cretaceous, Pawpaw
 Location: Near Rio Vista, Texas
- (?) *bosquensis* n. sp. Adkins
 Univ. of Texas Bull. No. 1856, 1918, p. 87, pl. I, fig. 4; pl. IV, fig. 11
 Formation: Cretaceous, Del Rio Clay
 Location: Near Waco, Texas
- Flustrella* ? *capistrata* (Gabb and Horn) Weller
 Geol. Sur. N. J. Pal., vol. 4, 1907, p. 329, pl. XXIII, figs. 5, 6
 Formation: Cretaceous, Vincentown limesand
 Location: Vincentown, New Jersey
- Fronicularia alata* (d'Orbigny) Baggs
 U. S. Geol. Sur., Bull. 88, p. 46, 1898, pl. II, fig. 4b, (bottom form)
 Formation: Cretaceous to Recent; Rancocas
 Location: New Jersey
- *alata* (d'Orbigny) Weller
 Geol. Sur. N. J. Pal., vol. 4, 1907, p. 225, pl. II, figs. 17-19
 Formation: Cretaceous, Vincentown limesand
 Location: New Jersey

- *alata* (d'Orbigny) Woodward
New York Microscopical Soc. Journ., vol. X, No. 4, 1894, p. 114
Formation: Cretaceous
Location: Mullica Hill and Timber Creek, New Jersey
- *augusta* (Nillson) Woodward
New York Microscopical Soc. Journ., vol. X, No. 4, 1894, p. 115
Formation: Cretaceous
Location: Mullica Hill, Crosswick's Creek, and Timber Creek, New Jersey
- *augusta* (Nillson) var. *dimidia* (Bagg) Weller
Geol. Sur. N. J. Pal., vol. 4, 1907, p. 225, pl. II, figs. 20, 21
Formation: Cretaceous, Vincentown limesand
Location: Vincentown, New Jersey
- *augusta* (Nillson) var. *dimidia* Bagg
Johns. Hop. Univ. Circ., vol. 15, 1895, No. 121, p. 11
Formation: Rancocas ?
Location: Vincentown, New Jersey
- *augusta* (Nillson) var. *dimidia* Bagg
U. S. Geol. Sur., Bull. 88, 1898, p. 47, pl. III, figs. 7a, 7b
Formation: Cretaceous, Rancocas
Location: New Jersey
- *archiaciana* (d'Orbigny) var. *strigillata* n. var. Bagg
U. S. Geol. Sur. Bull. 88, 1898, p. 47, pl. III, fig. 5
Formation: Cretaceous to Recent; Rancocas
Location: New Jersey
- *archiaciana* (d'Orbigny) var. *strigillata* (Bagg) Weller
Geol. Sur. N. J. Pal., vol. 4, 1907, p. 226, pl. II, fig. 22
Formation: Cretaceous, Vincentown limesand
Location: Vincentown, New Jersey
- *clarki* Bagg
U. S. Geol. Sur., Bull. 88, 1898, p. 48, pl. III, fig. 4
Formation: Cretaceous, Monmouth
Location: New Jersey
- *clarki* n. sp. Bagg
Johns. Hop. Univ. Circ., vol. 15, No. 121, 1895, p. 11
Formation: Cretaceous, Rancocas ?
Location: Vincentown, New Jersey
- *clarki* (Bagg) Weller
Geol. Sur. N. J. Pal., vol. 4, 1907, p. 227, pl. II, fig. 23
Formation: Cretaceous, Navesink Marl
Location: New Jersey
- *gaultina* (Reuss) Bagg
U. S. Geol. Sur. Bull. 88, 1898, p. 48, no pl.
Formation: Cretaceous, Matawan
Location: New Jersey
- *gaultina* (Reuss) Weller
Geol. Sur. N. J. Pal., vol. 4, 1907, p. 227, no pl.
Formation: Cretaceous, Marshalltown clay-marl
Location: New Jersey
- *inversa* (Reuss) Bagg
Johns. Hop. Univ. Cir., vol. 15, No. 121, 1895, p. 11
Formation: Cretaceous, Navesink
Location: Freehold, New Jersey
- *inversa* (Reuss) Bagg
U. S. Geol. Sur. Bull. 88, 1898, p. 48, no pl.

- Formation: Cretaceous, Monmouth
 Location: New Jersey
- *inversa* (Reuss) Weller
 Geol. Sur. N. J. Pal., vol. 4, 1907, p. 228, no pl.
 Formation: Cretaceous, Navesink Marl
 Location: Freehold, New Jersey
- *lanceola* (Reuss) Baggs
 U. S. Geol. Sur. Bull. 88, 1898, p. 49, no pl.
 Formation: Cretaceous, Monmouth
 Location: New Jersey
- *lanceola* (Reuss) Baggs
 Johns Hop. Univ. Circ., vol. 15, No. 121, 1895, p. 11
 Formation: Cretaceous, Navesink Marl
 Location: Freehold, New Jersey
- *lanceola* (Reuss) Weller
 Geol. Sur. N. J. Pal., vol. 4, 1907, p. 228, no pl.
 Formation: Cretaceous, Navesink Marl
 Location: New Jersey
- *major* (Bornemann) Baggs
 U. S. Geol. Sur. Bull. 88, 1898, p. 49, pl. III, fig. 3
 Formation: Cretaceous, Rancocas
 Location: New Jersey
- *major* (Bornemann) Weller
 Geol. Sur. N. J. Pal., vol. 4, 1907, p. 229, pl. II, fig. 27
 Formation: Cretaceous, Vincentown limesand
 Location: Vincentown, New Jersey
- *ovata* (Roemer) Baggs
 U. S. Geol. Sur. Bull. 88, 1898, p. 49, pl. II; figs. 4a, 5b (bottom forms); pl. IV, figs. 2a, 2b
 Formation: Cretaceous, Matawan and Rancocas
 Location: New Jersey
- *ovata* (Roemer) Weller
 Geol. Sur. N. J. Pal., vol. 4, 1907, p. 229, pl. II, figs. 28, 29
 Formation: Cretaceous, Marshalltown clay-marl
 Location: New Jersey
- *pulchella* (Karrer) Baggs
 U. S. Geol. Sur. Bull. 88, 1898, p. 49, no pl.
 Formation: Cretaceous, Matawan
 Location: New Jersey
- *pulchella* (Karrer) Weller
 Geol. Sur. N. J. Pal., vol. 4, 1907, p. 230, no pl.
 Formation: Cretaceous, Marshalltown clay-marl
 Location: New Jersey
- *reticulata* (Reuss) Baggs
 U. S. Geol. Sur. Bull. 88, 1898, p. 50, pl. III, fig. 6
 Formation: Cretaceous, Monmouth
 Location: New Jersey
- *reticulata* (Reuss) Weller
 Geol. Sur. N. J. Pal., vol. 4, 1907, p. 230, pl. II, fig. 30
 Formation: Cretaceous, Navesink Marl
 Location: Freehold, New Jersey
- sp. Calvin
 Iowa Geol. Sur., vol. III, 2nd Ann. Rept., 1895, p. 229, pl. XIX.
 fig. 14
 Formation: Cretaceous

- Location: St. Helena, Nebraska
- *verneuilina* (d'Orbigny) Bagg
U. S. Geol. Sur. Bull. 88, 1898, p. 50, no pl.
Formation: Cretaceous, Matawan
Location: New Jersey
- *verneuilina* (d'Orbigny) Weller
Geol. Sur. N. J. Pal., vol. 4, 1907, p. 231, no pl.
Formation: Cretaceous, Marshalltown clay-marl
Location: New Jersey
- Fulvia tenuis** (Whitfield) Weller
Geol. Sur. N. J. Pal., vol. 4, 1907, p. 597, pl. LXVI, fig. 8
Formation: Cretaceous, Navesink Marl
Location: New Jersey
- Fusus cliffwoodensis** n. sp. Weller
Geol. Sur. N. J. Pal., vol. 4, 1907, p. 756, pl. LXXXIX, figs. 6, 7
Formation: Cretaceous, Cliffwood clay
Location: New Jersey
- *gabbi* (Meek) Stanton
U. S. Geol. Sur. Bull. 106, 1893, p. 151, pl. XXXI, fig. 14
Formation: Cretaceous
Location: Coalville, Utah
- *gabbi* (Meek) Herrick and Johnson
Denison Univ. Sci. Lab. Bull., vol. 9, art. 11, 1900, pl. XLIII,
fig. 14, no description
Formation: Cretaceous
Location: Near Albuquerque, New Mexico
- *graysonensis* n. sp. Cragin
Texas Geol. Sur., 4th Ann. Rept., 1893, p. 224, no pl.
Formation: Cretaceous, Eagle Ford Shale
Location: Whitesboro, Texas
- ? *holmdelensis* (Whitfield) Weller
Geol. Sur. N. J. Pal., vol. 4, 1907, p. 757, pl. LXXXIX, figs. 11, 12
Formation: Cretaceous, Navesink Marl
Location: New Jersey
- ? *holmdelensis* n. sp. Whitfield
Geol. Sur. N. J., vol. 2, 1892, p. 62, pl. VI, figs. 10, 11
Formation: Cretaceous, Lower Green Marls
Location: New Jersey
- ? *holmdelensis* n. sp. Whitfield
U. S. Geol. Sur. Mon. 18, 1892, p. 62, pl. VI, figs. 10, 11
Formation: Cretaceous, Lower Green Marls
Location: Holmdel, New Jersey
- *holmesianus* (Gabb) Weller
Geol. Sur. N. J. Pal., vol. 4, 1907, p. 755, pl. LXXXIX, fig. 4
Formation: Cretaceous, Wenonah sand
Location: New Jersey; Alabama
- *kingii* (Gabb) Whiteaves
Can. Geol. Sur., Mesozoic Fossils, vol. 1, pt. 5, 1903, p. 356, no pl.,
(no description)
Formation: Cretaceous
Location: Sucia Islands
- *lorillardensis* n. sp. Weller
Geol. Sur. N. J. Pal., vol. 4, 1907, p. 758, pl. LXXXIX, figs. 9, 10
Formation: Cretaceous, Woodbury clay
Location: New Jersey

- **matthewsoni** (Gabb) Stanton
U. S. Geol. Sur., 17th Ann. Rept., pt. 1, 1896, p. 1032, no pl.
Formation: Cretaceous, tertiary transition, Chico and Tejon
Location: California
- **shumardi** (H. & M.) Herrick and Johnson
Denison Univ. Sci. Lab. Bull., vol. 11, art. 9, 1900, pl. XLIII, fig. 13, (no description)
Formation: Cretaceous
Location: Near Albuquerque, New Mexico
- **shumardi** (H. and M.) Stanton
U. S. Geol. Sur., Bull. 106, 1893, p. 150, pl. XXXI, fig. 13
Formation: Cretaceous, Fort Benton group
Location: East fork of Beaver Creek; Black Hills
- **simondsi** n. sp. Whitney
Texas Acad. Sci. Trans., vol. 12, 1913, p. 22, pl. XI, fig. 2
Formation: Cretaceous, Buda limestone
Location: Austin, Texas
- **simondsi** n. sp. Whitney
Univ. of Texas Bull. 184, 1911, p. 22, pl. XI, fig. 2
Formation: Cretaceous, Buda
Location: Austin, Texas
- sp. Logan
Field. Col. Mus. Geol. Ser., vol. 1, No. 6, 1899, p. 215, pl. XXV, figs. 2, 5
Formation: Cretaceous, Benton
Location: Kansas
- sp. Shattuck
U. S. Geol. Sur., Bull. 205, 1903, p. 34, pl. XIX, figs. 10, 11
Formation: Cretaceous, Buda
Location: Austin, Texas
- **supraplanus** n. sp. Cooper
Cal. State Min. Bureau Bull. 4, 1894, p. 45, pl. II, fig. 31
Formation: Cretaceous, Rose Canyon bed
Location: California
- **texanus** n. sp. Shattuck
U. S. Geol. Sur. Bull. 205, 1903, p. 33, pl. XIX, fig. 9
Formation: Cretaceous
Location: Austin, Texas
- (**Anomalofusus**) **substriatus** n. sp. Wade
Phila. Acad. Nat. Sci. Proc., vol. 68, 1916, p. 462, pl. XXIII, figs. 9, 10, 11
- (**Neptunea**) **venenatus** n. sp. Stanton
U. S. Geol. Sur. Bull. 106, 1893, p. 152, pl. XXXII, figs. 1, 2
Formation: Cretaceous, Pugnellus sandstone
Location: Colorado
- Gabbiceras** — see **Lytoceras**
- Galba accelerata** (White) Baker
Chicago Acad. Sci. Specila Pub. No. 3, 1911, p. 88, pl. XVI, figs. 5-8
Formation: Cretaceous, Atlantosaurus beds
Location: Canyon City, Colorado; Como Ridge, Wyoming
- **ativincula** (White) Baker
Chicago Acad. Sci. Special Pub. No. 3, 1911, p. 87, pl. XVI, figs. 1, 2

- Formation: Cretaceous, Atlantosaurus beds
Location:
- *compactilis* (Meek) Baker
Chicago Acad. Sci. Special Pub., No. 3, 1911, p. 94, pl. XVI, fig. 23
Formation: Cretaceous, Laramie
Location: Separation Station, Union Pacific RR. Carbon Co., Wyoming
- *consortis* (White) Baker
Chicago Acad. Sci. Special Pub., No. 3, 1911, p. 87, pl. XVI, figs. 3, 4
Formation: Cretaceous, Atlantosaurus beds
Location: Canyon City, Colorado
- *nitidula* (Meek) Baker
Chicago Acad. Sci. Special Pub., No. 3, 1911, p. 89, pl. XVI, figs. 20-22
Formation: Cretaceous, Bear River formation
Location: Bear River, Wyoming
- Garnieria pusilla* n. sp. Ravn
Meddelelser om Grönland, vol. 45, 1911, p. 492, pl. XXXVI, figs. 7, 8, 9
Formation: Cretaceous
Location: Vesterdalen, Danmarks, Havn, Greenland
- *pusilla* n. sp. Ravn
Copenhagen Univ. Min. and Geol. Mus. Comm. Paleont., No. 10, 1911, p. 492, pl. XXXVI, figs. 7, 8, 9
Formation: Cretaceous
Location: Danmarks, Havn, Greenland
- Gastrochaena americana* n. sp. Weller
Geol. Sur. N. J. Pal., vol. 4, 1907, p. 649, pl. LXXIII, fig. 13
Formation: Cretaceous, Vincentown limesand
Location: New Jersey
- *lingueformis* n. sp. Weller
Geol. Sur. N. J. Pal., vol. 4, 1907, p. 649, pl. LXXIII, fig. 9
Formation: Cretaceous, Merchantville clay-marl
Location: New Jersey
- *whitfieldi* n. sp. Weller
Geol. Sur. N. J. Pal., vol. 4, 1907, p. 648, pl. LXXIII, figs. 9, 10
Formation: Cretaceous, Merchantville clay-marl
Location: New Jersey
- Gaudryceras denmanense* Whiteaves
Geol. Sur. Can. Mesozoic Fossils, 1903, vol. 1, pt. 5, p. 329, no pl.
Formation: Cretaceous
Location: Vancouver Island
- Guadryceras* — see *Lytoceras*
- Guadryina pupoides* (d'Orbigny) Bagge
U. S. Geol. Sur., Bull. 88, p. 31, 1898, no pl.
Formation: Cretaceous to Recent, Rancocas
Location: New Jersey
- *pupoides* (d'Orbigny) Woodward and Thomas
Minn. Geol. and Nat. Hist. Sur. Final Rept., vol. 3, pt. 1, 1895, p. 31, pl. C, figs. 15, 16
Formation: Cretaceous
Location: Minnesota; Nebraska
- *pupoides* (d'Orbigny) Woodward

- New York Microscopical Soc. Journ., vol. X, No. 4, 1894, p. 96
 Formation: Cretaceous
 Location: Mullica Hill, New Jersey
- *pupoides* (d'Orbigny) Weller
 Geol. Sur. N. J. Pal., vol. 4, 1907, p. 197, pl. I, figs. 27-29
 Formation: Cretaceous, Vincentown limesand
 Location: New Jersey
- Geodia Austini* n. sp. Merrill
 Harv. Coll. Mus. Comp. Zool. Bull., vol. 28, No. 1, 1896, p. 16,
 fig. 11
 Formation: Cretaceous flint
 Location: Texas
- ? *cretacea* n. sp. Merrill
 Harv. Coll. Mus. Comp. Zool. Bull., vol. 28, No. 1, 1896, p. 15, fig.
 12
 Formation: Cretaceous flint
 Location: Texas
- ? *Hilli* n. sp. Merrill
 Harv. Coll. Mus. Comp. Zool. Bull., vol. 28, No. 1, 1896, p. 17, fig.
 21
 Formation: Cretaceous flint
 Location: Texas
- ? *irregularis* n. sp. Merrill
 Harv. Coll. Mus. Comp. Zool. Bull., vol. 28, No. 1, 1896, p. 16, fig.
 14
 Formation: Cretaceous flint
 Location: Texas
- ? sp. Merrill
 Harv. Coll. Mus. Comp. Zool., vol. 28, No. 1, 1896, p. 18, fig. 32
 Formation: Cretaceous flint
 Location: Texas
- sp. Merrill
 Harv. Coll. Mus. Comp. Zool. Bull., vol. 28, No. 1, 1896, p. 18,
 fig. 29
 Formation: Cretaceous flint
 Location: Texas
- *spini-curvata* n. sp. Merrill
 Harv. Coll. Mus. Comp. Zool. Bull., vol. 28, No. 1, 1896, p. 15,
 fig. 13
 Formation: Cretaceous flint
 Location: Texas
- ? *spinipansata* n. sp. Merrill
 Harv. Coll. Mus. Comp. Zool. Bull., vol. 28, No. 1, 1896, p. 17,
 fig. 20
 Formation: Cretaceous flint
 Location: Texas
- ? *Texana* n. sp. Merrill
 Harv. Coll. Mus. Comp. Zool. Bull., vol. 28, No. 1, 1896, p. 16,
 fig. 18
 Formation: Cretaceous flint
 Location: Texas
- ? *tripunctata* Merrill
 Harv. Coll. Mus. Comp. Zool. Bull., vol. 28, No. 1, 1896, p. 16,
 fig. 15
 Formation: Cretaceous flint

- Location: Texas
Germanonutilus furlongi n. sp. Smith
 U. S. Geol. Sur. Prof. Paper 83, 1914, p. 142, pl. XCV, figs. 1, 2
 Formation: Triassic
 Location: West Humbolt range, Nevada
- Gervillia cinderella** n. sp. Cragin
 U. S. Geol. Sur. Bull. 266, 1905, p. 47, pl. V, fig. 1
 Formation: Jurassic
 Location: Malone, Texas
- **corrugata** n. sp. Cragin
 U. S. Geol. Sur. Bull. 266, 1905, p. 46, pl. IV, figs. 8-10
 Formation: Jurassic
 Location: Malone, Texas
- (?) cf. **Loewenighi** (J. Böhm) Kittl
 Second Norwegian Arctic Exped. in the Fram. Rept., No. 7, 1907,
 p. 22
 Formation: Triassic
 Location: Hutinsel im Bayfjord
- **montanaensis** (Meek) Stanton
 U. S. Geol. Sur. Mon. 32, pt. 2, 1899, p. 617, no pl.
 Formation: Mesozoic
 Location: Yellowstone National Park
- cf. **newcombii** (Whiteaves) Burwash
 Can. Roy. Soc. Proc. and Trans., ser. 3, vol. 7, sec. 4, 1914, p. 86,
 pl. II, fig. 2
 Formation: Cretaceous
 Location: Queen Charlotte Islands
- **newcombii** n. sp. Whiteaves
 Can. Geol. Sur., Mesozoic Fossils, vol. 1, pt. 4, 1900, p. 297, pl.
 XXXIX, fig. 1
 Formation: Cretaceous
 Location: Queen Charlotte Islands
- **propleura** (Meek) Stanton
 U. S. Geol. Sur., Bull. 106, 1893, p. 74, pl. X, figs. 1-3
 Formation: Cretaceous, Pugnellus sandstone
 Location: Georgia
- ? **riograndensis** n. sp. Cragin
 U. S. Geol. Sur. Bull. 266, 1905, p. 47, pl. V, figs. 2, 3
 Formation: Jurassic
 Location: Malone, Texas
- cfr. **solenoides** (Söhle non Defr.) Böse
 Inst. Geol. de México, Bol. 25, 1910, p. 86, Lám. XIV, fig. 3
 Formation: Lower Cenomanian
 Location: Cerro de Muleros
- sp. Ravn
 Meddelelser om Grønland, vol. 45, 1911, p. 463
 Formation: Jurassic
 Location: "4 Saenkning," Store Koldewey Island
- sp. Ravn
 Copenhagen Univ. Min. and Geol. Mus. Comm. Paleont., No. 10,
 1911, p. 463
 Formation: Jurassic
 Location: "4 Saenkning," Store Koldewey Island
- sp. Stanton
 U. S. Geol. Sur. Mon. 32, 1899, p. 617, no pl.

- Formation: Mesozoic
Location: Yellowstone National Park
- *stantoni* n. sp. McLearn
Canadian Field Naturalist, vol. 34, No. 3, 1920, p. 55, fig. 1
Formation: Cretaceous, Bad Heart sandstone of Smoky River formation
Location: Smoky River, Alberta
- Gervilliopsis ensiformis* (Conrad) Weller
Geol. Sur. N. J. Pal., vol. 4, 1907, p. 421, pl. XXXVII, figs. 4, 5; pl. XXXVIII, figs. 1-3
Formation: Cretaceous, Merchantville clay-marl, Woodbury clay, Navesink marl, Red Bank sand
Location: New Jersey; Alabama; Mississippi
- *invaginata* ? (White) Shattuck
U. S. Geol. Sur. Bull. 205, 1903, p. 19, pl. V, fig. 12
Formation: Cretaceous, Buda sandstone
Location: Austin, Texas
- *invaginata* (White) Adkins and Winton
Univ. of Texas Bull. 1945, 1919, p. 67, pl. XVIII, fig. 1
Formation: Cretaceous, Buda, Pawpaw, Weno
Location: North Texas
- *invaginata* (White) Cragin
Texas Geol. Sur., 4th Ann. Rept., 1893, p. 189, no pl.
Formation: Cretaceous, Denison beds
Location: Texas
- *minima* (Whitfield) Weller
Geol. Sur. N. J. Pal., vol. 4, 1907, p. 423
Formation: Cretaceous Navesink Marl
Location: New Jersey; Mississippi
- Glabrae* (Agassiz) Packard
Type: *Trigonia gibbosa* Sowerby
University of Oregon Pub., vol. 1, No. 9, 1921, p. 17
Formation: Jurassic-Cretaceous
- Glauconia coalvillensis* (Meek) Stanton
U. S. Geol. Sur. Bull. 106, 1893, p. 132, pl. XXVIII, fig. 11; pl. XXIX, figs. 1, 2
Formation: Cretaceous
Location: Utah
- Globiconcha (Tylostoma) curta* Whitfield
Geol. Sur. N. J., vol. 2, 1892, p. 160, pl. XIX, figs. 26, 27
Formation: Cretaceous, Lower Green Marls
Location: New Jersey; Texas
- (*Tylostoma*) *curta* Whitfield
U. S. Geol. Sur. Mon. 18, 1892, p. 160, pl. XIX, figs. 26, 27
Formation: Cretaceous, Lower Green Marls
Location: New Jersey
- sp. Adkins
Univ. of Texas Bull. No. 1856, 1918, p. 140, pl. X, fig. 41
Formation: Cretaceous, Weno
Location: Gainesville, Texas
- Globigerina bulloides* (d'Orbigny) Weller
Geol. Sur. N. J. Pal., vol. 4, 1907, p. 254, pl. III, figs. 32-34
Formation: Cretaceous, Vincentown limesand
Location: New Jersey
- *bulloides* (d'Orbigny) Bagge

- U. S. Geol. Sur. Bull. 88, 1898, p. 63, no pl.
 Formation: Cretaceous to Recent, Rancocas, Manasquan
 Location: New Jersey
- **bulloides** (d'Orbigny) Woodward and Thomas
 Minn. Geol. and Nat. Hist. Sur., Final Rept., vol. 3, pt. 1, 1895,
 p. 40, pl. D., figs. 11-17
 Formation: Cretaceous
 Location: Minnesota; Nebraska; Illinois
- **bulloides** McClung
 Kan. Univ. Geol. Sur., vol. 4, 1898, p. 423, pl. LXXXV, figs. 5-8
 Formation: Cretaceous
 Location: Kansas
- **bulloides** var. **triloba** (Reuss) Bagge
 U. S. Geol. Sur. Bull. 88, 1898, p. 63, no pl.
 Formation: Cretaceous, Rancocas and Manasquan
 Location: Vincentown, New Jersey
- **bulloides** var. **trioba** (Reuss) Weller
 Geol. Sur. N. J. Pal., vol. 4, 1907, p. 255, pl. IIII, fig. 35
 Formation: Cretaceous, Vincentown limesand
 Location: Vincentown, New Jersey
- **cretacea** (d'Orbigny) Bagge
 U. S. Geol. Sur. Bull. 88, 1898, p. 64, no pl.
 Location: Cretaceous to Recent, (?) Monmouth and Rancocas
 Location: New Jersey
- **cretacea** (d'Orbigny) Weller
 Geol. Sur. N. J. Pal., vol. 4, 1907, p. 255, no pl
 Formation: Cretaceous, Navesink marl
 Location: Freehold, New Jersey
- **cretacea** (d'Orbigny) Woodward and Thomas
 Minn. Geol. and Nat. Hist. Sur., Final Rept., 1895, vol. 3, pt. 1,
 p. 41, pl. D, figs. 18, 19
 Formation: Cretaceous
 Location: Minnesota; Nebraska; Illinois
- **cretacea** (d'Orbigny) Woodward
 New York Microscopical Soc. Juorn., vol. X, No. 4, 1894, p. 132
 Formation: Cretaceous
 Location: Mullica Hill and Timber Creek, New Jersey
- cf. **digitata** (Brady) Calvin
 Iowa Geol. Sur., Vol. III, 2nd Ann. Rept., 1895, p. 228, pl. XIX,
 fig. 3
 Formation: Cretaceous
 Location: St. Helena, Nebraska
- **marginata** (Reuss) Woodward and Thomas
 Minn. Geol. and Nat. Hist. Sur., Final Rept., 1895, vol. 3, pt. 1,
 p. 42, pl. D, figs. 20, 21
 Formation: Cretaceous
 Location: Minnesota; Nebraska; Illinois
- **sacculifera** (Brady) Woodward and Thomas
 Minn. Geol. and Nat. Hist. Sur., Final Rept., vol. 3, pt. 1, 1895,
 p. 42, pl. D, fig. 22
 Formation: Cretaceous
 Location: Minnesota
- **spinosa** n. sp. McClung
 Kans. Univ. Geol. Sur., vol. 4, 1898, p. 423, pl. LXXXV, fig. 7
 Formation: Cretaceous

- Location: Kansas
- Glycimeris** (da Costa) Gardner
 Maryland Geol. Sur., U. Cret., 1916, p. 540, no pl.
 Formation: Cretaceous
 Location: Maryland
- **mortoni** (Conrad) Gardner 1916
 Maryland Geol. Sur., U. Cret., 1916, p. 540, no pl.
 Formation: Cretaceous, Matawan, Monmouth, Ripley, Black Creek, Selma
 Location: Maryland; Delaware; New Jersey; Alabama; North and South Dakota; Mississippi; Georgia
- **subimbricata** (Meek and Hayden) Stanton and Vaughan
 U. S. Geol. Sur. Prof. Paper 128-A, 1920, p. 23, pl. II, figs. 6a, b, 7
 Formation: Cretaceous, Cannonball
 Location: Stram, N. Dakota
- **veatchi** (Gabb) Arnold
 U. S. Proc. Nat. Mus., vol. 34, 1908, pl. XXXI, fig. 4, no description
 Formation: Cretaceous, Knoxville and Chico
 Location: California
- (**Postligata**) **wordeni** n. sp. Gardner
 Maryland Geol. Sur., U. Cret., 1916, p. 543, pl. XXI, figs. 7-9
 Formation: Cretaceous, Monmouth
 Location: Maryland
- Glyphaea** n. sp. Whiteaves
 Can. Geol. Sur., Mesozoic Fossils, vol. 1, pt. 5, 1903, p. 323, no pl.
 Formation: Cretaceous
 Location: Nanimo, Vancouver Island
- Goniaster mammillata** (Gabb) Clark and Twitchell
 U. S. Geol. Sur. Mon. 54, 1915, p. 42, pl. VIII, figs. 1a, b
 Formation: Cretaceous, Rancocas
 Location: Vincentown, New Jersey
- **mammillata** (Gabb) Clark
 U. S. Geol. Sur. Bull. 97, 1893, p. 32, pl. V, figs. 1a, b
 Formation: Cretaceous
 Location: New Jersey
- **mammillata** (Gabb) Weller
 Geol. Sur. N. J. Pal., vol. 4, 1907, p. 277, pl. VI, figs. 10-17
 Formation: Cretaceous, Vincentown limesand
 Location: Vincentown, New Jersey
- Goniobasis convexa** (Meek and Hayden) Stanton and Hatcher
 U. S. Geol. Sur. Bull. 257, 1905, p. 116, no pl.
 Formation: Cretaceous, Judith River beds
 Location: Montana
- **convexa** var. **impressa** (Meek and Hayden) Stanton and Hatcher
 U. S. Geol. Sur. Bull. 257, p. 116, no pl.
 Formation: Cretaceous, Judith River beds
 Location: Montana
- **gracilentata** (Meek) Stanton and Hatcher
 U. S. Geol. Sur. Bull. 257, 1905, p. 116, no pl.
 Formation: Cretaceous, Judith River beds
 Location: Montana
- (?) **increbescens** n. sp. Stanton
 U. S. Geol. Sur. Mon. 32, pt. 2, 1899, p. 633, pl. LXXV, fig. 7

- Formation: Cretaceous, Dakota
 Location: Yellowstone National Park
- *invenusta* (Meek and Hayden) Stanton and Hatcher
 U. S. Geol. Sur. Bull. 257, 1905, p. 116, no pl.
 Formation: Cretaceous, Judith River beds
 Location: Montana
- *jeffersonensis* n. sp. White
 U. S. Nat. Mus. Proc., vol. 17, 1894, p. 134, pl. VIII, fig. 9
 Formation: Cretaceous, Dakota
 Location: Jefferson county, Nebraska
- *judithensis* n. sp. Stanton and Hatcher
 U. S. Geol. Sur. Bull. 257, 1905, p. 117, pl. XIII, fig. 4
 Formation: Cretaceous, Judith River beds
 Location: Montana
- ? *omitta* (Meek and Hayden) Stanton and Hatcher
 U. S. Geol. Sur. Bull. 257, 1905, p. 116, no pl.
 Formation: Cretaceous, Judith River beds
 Location: Montana
- ? *ortmanni* n. sp. Stanton
 Amer. Phil. Soc. Proc., vol. 42, 1903, p. 197, pl. IV, figs. 7-10
 Formation: Cretaceous
 Location: Harlowton, Montana
- ? *pealei* n. sp. Stanton
 U. S. Geol. Sur. Mon. 32, pt. 2, 1899, pl. LXXXV, fig. 6, p. 632
 Formation: Cretaceous, Dakota
 Location: Yellowstone National Park
- ? *silberlingi* n. sp. Stanton
 Amer. Phil. Soc. Proc., vol. 42, 1903, p. 198, pl. IV, fig. 6
 Formation: Cretaceous
 Location: Harlowton, Montana
- *doubtful species*, White
 U. S. Nat. Mus. Proc., vol. 17, 1894, p. 135, pl. VIII, fig. 10
 Formation: Cretaceous, Dakota
 Location: Jefferson county, Nebraska
- *sublaevis* (Meek and Hayden) Stanton and Hatcher
 U. S. Geol. Sur. Bull. 257, 1905, p. 116, no pl.
 Formation: Cretaceous, Judith River beds
 Location: Montana
- ? *subtortuosa* (Meek and Hayden) Stanton and Hatcher
 U. S. Geol. Sur. Bull. 257, 1905, p. 117, no pl.
 Formation: Cretaceous, Judith River beds
 Location: Montana
- ? *subtortuosa* (Meek and Hayden) (Meek) Stanton
 U. S. Geol. Sur. Prof. Paper 98, 1916, p. 319, pl. LXXXIII, figs. 7, 8
 Formation: Upper Cretaceous
 Location: San Juan Basin, New Mexico
- Goniocheila* — see *Aporrhais*
- Goniomya calderoni* n. sp. Aguilera
 Com. de México, Bol. 1, 1895, p. 9, lám. V, figs. 17, 18
 Formation: Jurassic
 Location: Mineral de Catorce, San Luis Potosi, Mexico
- *montanaensis* (Meek) Logan
 Kans. Univ. Quart., vol. 9, 1900, p. 128, pl. XXVI, fig. 1
 Formation: Jurassic

- Location: Freeze-out Hills, Wyoming
- *sp. Logan*
 Kans. Univ. Quart., vol. 9, 1900, p. 128, pl. XXVI, fig. 2
 Formation: Jurassic
 Location: Freeze-out Hills, Wyoming
- *sp. Ravn*
 Meddelelser om Grönland, vol. 45, 1911, p. 481
 Formation: Jurassic
 Location: Hochstetter's Foreland
- *sp. Ravn*
 Copenhagen Univ. Min. and Geol. Mus. Comm. Paleont. No. 10, 1911, p. 481
 Formation: Jurassic
 Location: Hochstetter's Foreland
- *transversicostata* n. sp. cfr. *G. duboisi* Burwash
 Can. Roy. Soc. Proc. and Trans., ser. 3, vol. 7, sec. 4, 1914, p. 82, pl. III, fig. 2
 Formation: Cretaceous
 Location: Queen Charlotte Islands
- *uniangulata* cf. *G. americana* (Meek) Burwash
 Can. Roy. Soc. Proc. and Trans., ser. 3, vol. 7, sec. 4, 1914, p. 82, pl. III, fig. 1
 Formation: Cretaceous
 Location: Queen Charlotte Islands
- Goniopygus budaensis* n. sp. Whitney
 Bull. Amer. Pal., Vol. 5, No. 26, 1916, p. 6, pl. II, figs. 1-8
 Formation: Cretaceous, Buda
 Location: Austin, Texas
- *zitteli* (Clark) Clark
 U. S. Geol. Sur. Bull. 97, 1893, p. 53, pl. XVIII, figs. 2a-d; pl. XIX, figs. 1a-e
 Formation: Cretaceous, Fredericksburg
 Location: Texas
- *zitteli* (Clark) Cragin
 Texas Geol. Sur., 4th Ann. Rept., 1893, p. 155, no pl.
 Formation: Cretaceous, Caprina limestone
 Location: Texas
- *zitteli* (Clark) Clark and Twitchell
 U. S. Geol. Sur. Mon. 54, 1915, p. 52, pl. XIV, figs. 3a-c; pl. XV, figs. 1a, b
 Formation: Cretaceous, Edwards limestone
 Location: Williamson county, Texas
- (?) *Grammatodon inornatus* (Meek and Hayden) Davis
 Jour. Geol., vol. 21, 1913, p. 454
 Formation: Jurassic, Slate's Springs (Franciscan)
 Location: California
- Graptocarcinus texanus* (Roemer) Whitney
 Tex. Acad. Sci. Trans., vol. 12, 1913, p. 27, pl. XIII, figs. 2, 3
 Formation: Cretaceous, Buda limestone
 Location: Austin, Texas
- *texanus* (Roemer) Whitney
 Univ. of Texas Bull. 184, 1911, p. 27, pl. XIII, figs. 2, 3
 Formation: Cretaceous, Buda
 Location: Austin, Texas
- Gresslya abducta* (Phillip's sp.) Madsen

- Meddelelser om Grönland, vol. 29, 1903, p. 186, pl. VIII, fig. 3
 Formation: Jurassic
 Location: Mount Nathorst, Greenland
- *gregaria* (Zieten) Madsen
 Meddelelser om Grönland, vol. 29, 1903, p. 185, pl. VIII, figs. 1, 2
 Formation: Jurassic
 Location: Mount Nathorst, Greenland
- *peregrina* (Phillips) Madsen
 Meddelelser om Grönland, vol. 29, 1903, p. 186, pl. VIII, fig. 4
 Formation: Jurassic
 Location: Mount Nathorst, Greenland
- Gryphaea* (Lamarck) Gardner
 Maryland Geol. Sur., U. Cret., 1916, p. 571, no pl.
 Formation: Cretaceous
- *calceola* var. *nebrascensis* (Meek and Hayden) Stanton
 U. S. Geol. Sur., Mon. 32, pt. 2, 1899, p. 612, pl. LXXII, figs. 5-7
 Formation: Jurassic, Ellis
 Location: Yellowstone National Park
- *convexa* (Say) Weller
 Geol. Sur. N. J. Pal., vol. 4, 1907, p. 451, pl. XLV, figs. 1, 2
 Formation: Cretaceous, Marshalltown clay-marl, Navesink marl
 Location: New Jersey; Alabama; Mississippi
- *corrugata* (Say) Hill and Vaughan
 U. S. Geol. Sur. Bull. 151, 1898, p. 53, pl. V-XV, XVIII; XIX
 Formation: Cretaceous, Washita Division, Duck Creek beds
 Location: Texas; Oklahoma
- *dissimilaris* n. sp. Weller
 Geol. Sur. N. J. Pal., vol. 4, 1907, p. 453, pl. XLVI, figs. 2, 3
 Formation: Cretaceous, Hornerstown marl
 Location: New Jersey
- *gibberosa* n. sp. Cragin
 Texas Geol. Sur., 4th Ann. Rept., 1893, p. 189, no pl.
 Formation: Cretaceous, Fort Worth limestone
 Location: Austin and Round Rock, Texas
- *Keilhaui* (J. Böhm) Kittl
 Second Norwegian Arctic Exped. in the Fram. Rept. No. 7, 1907,
 p. 30
 Formation: Triassic
 Location: Hutinsel im Bayfjord
- *marcoui* n. sp. Hill and Vaughan
 U. S. Geol. Sur. Bull. 151, 1898, p. 50, pl. II; III; IV; V
 Formation: Cretaceous
 Location: Texas
- *marcoui* (Hill and Vaughan) Adkins and Winton
 Univ. of Texas Bull. 1945, 1919, p. 61, pl. XV, figs. 15-18
 Formation: Cretaceous, Goodland and Walnut
 Location: North Texas
- *mexicana* (Felix) Cragin
 U. S. Geol. Sur., Bull. 266, 1905, p. 39, pl. III, figs. 1-6
 Formation: Jurassic
 Location: Melone, Texas
- *mucronata* (Gabb) Hill and Vaughan
 U. S. Geol. Sur., Bull. 151, 1898, p. 63, pl. XXIV; XXV; XXVI;
 XXVII; XXVIII; XXIX; XXX
 Formation: Cretaceous, Del Rio beds; Buda limestone

- Location: Texas
- *mucronata* (Gabb) Shattuck
U. S. Geol. Sur., Bull. 205, 1903, p. 21, pl. IX
Formation: Cretaceous, Buda
Location: Texas
 - *mucronata* (Gabb) Adkins and Winton
Univ. of Texas Bull. 1945, 1919, p. 63, pl. XV, figs. 1-4
Formation: Cretaceous, Grayson and Buda
Location: Texas
 - *mutabilis* (Morton) Weller
Geol. Sur. N. J. Pal., vol. 4, 1907, p. 452, pl. XLVI, fig. 1
Formation: Cretaceous, Marshallville marl-clay
Location: New Jersey
 - *navia* (Hall) Hill and Vaughan
U. S. Geol. Sur. Bull. 151, 1898, p. 57, pl. XVII; XVIII
Formation: Cretaceous, Washita Division
Location: North central Texas; Oklahoma
 - *navia* (Hall) Adkins and Winton
Univ. of Texas Bull. 1945, 1919, p. 62, pl. XV; figs. 13, 14
Formation: Cretaceous, Kiamitia
Location: North Texas
 - *navia* (Hall) Böse
Inst. Geol. de México, Bol. 25, 1910, p. 106, Lám. XVII, figs. 2-9;
Lám. XVIII, figs. 1-5, 10
Formation: Cretaceous, Vraconian, Lower Cenomanian
Location: Cerro de Muleros, Mexico
 - *newberryi* n. sp. Stanton
U. S. Geol. Sur., Bull. 106, 1893, p. 60, pl. V, figs. 1-5
Formation: Cretaceous, Colorado
Location: Utah; Colorado; Arizona; New Mexico
 - *newberryi* (Stanton) Shimer and Blodgett
Amer. Jour. Sci., 4th ser., vol. 25, 1908, p. 61
Formation: Cretaceous
Location: Fort Benton, New Mexico
 - *persimilis* (nom. prov.) Whiteaves
Can. Geol. Sur., Mesozoic Fossils, vol. 1, pt. 4, 1900, p. 300, no pl.
Formation: Cretaceous
Location: Queen Charlotte Islands
 - *pitcheri* (Mort.) Hill and Vaughan
U. S. Geol. Sur. Bull. 151, 1898, p. 13-23; 38-42; 45, 46, no pl.,
(no specific description)
Formation: Cretaceous
Location: Texas
 - *pitcheri* (Mort) Böse
Inst. Geol. de México, Bol. 25, 1910, p. 108, no pl. (no description)
Discussion:
 - *pitcheri* var. *hilli* (Cragin) Hill and Vaughan
U. S. Geol. Sur. Bull. 151, 1898, p. 38, no pl., (no description);
(History of this variety)
Formation: Cretaceous
Location: Texas; Kansas
 - *pitcheri* Mort. var., *Tucumcarii* (Marcou) Böse
Inst. Geol. de México, Bol. 25, 1910, p. 109, Lám. XVIII; figs.
6-9, 11, 12; Lám. XIX, figs. 1-14
Formation: Cretaceous, Vraconian

- Location: Cerro de Muleros, Mexico
 — *pitcheri* Mort. var. *Washitaensis* (Hill) Böse
 Inst. Geol. de México, Bol. 25, 1910, p. 110, Lám. XX, figs. 1-13
 Formation: Cretaceous, Lower Cenomanian
 Location: Cerro de Muleros, Mexico
- *plano convexa* (Whitfield) Stanton
 U. S. Geol. Sur. Mon. 32, pt. 2, 1899, p. 611, pl. LXXII, figs. 9, 10
 Formation: Jurassic, Ellis formation
 Location: Yellowstone National Park
- *Pycnodonte pusilla* n. sp. Gardner
 Maryland Geol. Sur., U. Cret., 1916, p. 578, pl. XXXIII, figs. 4-6
 Formation: Cretaceous, Monmouth
 Location: Maryland
- *skuld* (J. Böhm) Kittl
 Second Norwegian Arctic Exped. in the Fram. Rept. No. 7, 1907,
 p. 30, pl. II, fig. 7
 Formation: Triassic
 Location: Ammonitenberg am Bärenkaplande
- sp. ? Hyatt
 Geol. Soc. Amer. Bull., vol. 5, 1894, p. 417, no pl.
 Formation: Triassic
 Location: Sailor's Canyon, California
- *vesicularis* (Lám.) Whiteaves
 Can. Roy. Soc. Proc. and Trans., 2d ser., vol. 1, sec. 4, 1895, p.
 120
 Formation: Cretaceous
 Location: Howe Sound
- *vesicularis* Harris and Veatch
 Geol. Sur. La. Rept., 1899, p. 292, pl. XLIX, fig. 2, pl. L, figs. 1, 2
 Formation: Cretaceous
 Location: Bienville parish, Louisiana
- *vesicularis* (Lam.) Herrick and Johnson
 Denison Univ. Sci. Lab. Bull., vol. 11, art. 9, 1900, p. 204, pl.
 XXX, fig. 3
 Formation: Cretaceous
 Location: Below the Punta de la Mesa S. S., east of Mount
 Taylor
- *vesicularis* (Lamarck) Whiteaves
 Can. Geol. Sur., Mesozoic Fossils, vol. 1, pt. 5, 1903, p. 401, no pl.
 Formation: Cretaceous
 Location: Nanaimo, Vancouver Island
- *vesicularis* (Lam.) Böse
 Inst. Geol. de México, Bull. 24, 1906, p. 49, Lám. IV, figs. 1-3;
 Lám. VII, fig. 2; Lám. IX, fig. 4; Lám. XII, fig. 6
 Formation: Cretaceous, Lower Senonian
 Location: Mexico
- (*Pycnodonte vesicularis*) (Lamarck) Gardner
 Maryland Geol. Sur., U. Cret., 1916, p. 572, pl. XXVIII; XXIX;
 XXX; XXXI; XXXII; XXXIII, figs. 1-3
 Formation: Cretaceous, Matawan, Monmouth, Rancocas
 Location: Maryland; Delaware; New Jersey; North and South
 Carolina; Mississippi; Georgia; Alabama; Tennessee; Wes-
 tern Interior; Texas
- (*Gryphaeostrea vomer*) (Morton) Weller
 Geol. Sur. N. J. Pal., Vol. 4, 1907, p. 455, pl. XLIV, figs. 6-11

- Formation: Cretaceous, Marshalltown marl, Navesink marl, Hornerstown marl, Vincentown limesand
 Location: New Jersey; Mississippi
- (*Gryphaeostrea*) *vomer* (Morton) Gardner
 Maryland Geol. Sur., U. Cret., 1916, p. 579, pl. XXV, figs. 1-4
 Formation: Cretaceous, Matawan, Monmouth, Rancocas, Eutaw, Ripley, Selma, Nanje, Aquia, Jackson
 Location: Maryland; Delaware; New Jersey; Mississippi; Tennessee; Alabama
- *wardii* n. sp. Hill and Vaughan
 U. S. Geol. Sur., Bull. 151, p. 49, pl. I, figs. 1-16
 Formation: Cretaceous, Comanche Peak formation
 Location: Texas
- *washitaensis* (Hill) Hill and Vaughan
 U. S. Geol. Sur., Bull. 151, 1898, p. 59, pl. XIX; XX; XXI; XXII; XXIII
 Formation: Cretaceous, Washita Division
 Location: Texas
- *washitaensis* (Hill) Adkins and Winton
 Univ. of Texas Bull. 1945, 1919, p. 62, pl. XV, figs. 5-12
 Formation: Cretaceous, Kiamitia to Mainstreet
 Location: North Texas
- Gryphaeostrea* (Conrad) Gardner
 Maryland Geol. Sur., U. Cret., 1916, p. 579, no pl.
 Formation: Cretaceous
 Location: Maryland
- Grypoceras whitneyi* (Gabb) Smith
 U. S. Geol. Sur., Prof. Paper 83, 1914, p. 141, pl. XVI, figs. 2, 3; pl. XCIX, figs. 5-7
 Formation: Triassic
 Location: West Humboldt range, Nevada
- Gymnites alexandrae* n. sp. Smith
 U. S. Geol. Sur., Prof. Paper 83, 1914, p. 52, pl. XXIII, fig. 1, pl. XXIV, figs. 1-12; pl. XXV, fig. 1
 Formation: Triassic
 Location: West Humboldt range, Nevada
- (*Anagymnites*) *acutus* (Hauer) Smith
 U. S. Geol. Sur. Prof. Paper 83, 1914, p. 54, pl. XCVII, figs. 13, 14
 Formation: Triassic
 Location: West Humboldt range, Nevada
- *calli* n. sp. Smith
 U. S. Geol. Sur. Prof. Paper 83, 1914, p. 53, pl. XXVI, figs. 1, 1a
 Formation: Triassic
 Location: West Humboldt range, Nevada
- (*Mojisovics*) Smith
 U. S. Geol. Sur. Prof. Paper 83, 1914, p. 51, no pl.
 Formation: Triassic
- *perplanus* (Meek) Smith
 U. S. Geol. Sur. Prof. Paper 83, 1914, p. 54, pl. XV, figs. 7, 7a
 Formation: Triassic
 Location: West Humboldt range, Nevada
- (*anagymnites*) *rosenbergi* n. sp. Smith
 U. S. Geol. Sur. Prof. Paper 83, 1914, p. 55, pl. XXVI, figs. 2-6
 Formation: Triassic
 Location: West Humboldt range, Nevada

Gymnitidae Hyatt and Smith

U. S. Geol. Sur. Prof. Paper 40, 1905, p. 115, no pl.

Formation: Triassic

Location: Nevada

Gympotoceras (Hyatt) Smith

Cal. Acad. Sci. Pro., 3d ser., vol. 1, 1904, p. 385

Formation: Triassic

— (Hyatt) Hyatt and Smith

U. S. Geol. Sur. Prof. Paper 40, 1905, p. 172, no pl.

Formation: Triassic

Gymnotropites — see Paratropites**— n. subgen. Hyatt and Smith**

U. S. Geol. Sur. Prof. Paper 40, 1905, p. 56, no pl.

Formation: Triassic

— californicus (Hyatt and Smith) Smith

Leland Stan. Jr., Univ. Pub. 1914, pl. VIII, figs. 11-13

Formation: Triassic

Location: California

Gyrochorda sp. Kittl

Second Norwegian Arctic Exped. in the Fram. Rept. No. 7, 1907,
p. 40, pl. III, fig. 12

Formation: Triassic

Location: Heureka Sund, (Eureka Sound)

Gyrodes (Conrad) Gardner

Maryland Geol. Sur., U. Cret., 1916, p. 496, no pl.

Formation: Cretaceous

Location: Maryland

— abbotii (Gabb) Whitfield

Geol. Sur. N. J., vol. 2, 1892, p. 124, pl. XV, fig. 17

Formation: Cretaceous, Lower Green Marls

Location: New Jersey

— abbotii (Gabb) Whitfield

U. S. Geol. Sur. Mon. 18, 1892, p. 124, pl. XV, fig. 17

Formation: Cretaceous, Lower Green Marls

Location: Mullica Hill, New Jersey

— abyssina (Morton) Weller

Geol. Sur. N. J. Pal., vol. 4, 1907, p. 683, pl. LXXVII, figs. 7-9

Formation: Cretaceous, Navesink marl

Location: New Jersey; Alabama; Texas

— abyssinus (Morton) (Gabb) Gardner

Maryland Geol. Sur., U. Cret., 1916, p. 498, no pl.

Formation: Cretaceous, Monmouth, Eutaw, Selma, Ripley

Location: Alabama; Delaware; Maryland; New Jersey; Mississippi

— altispira (Gabb) Weller

Geol. Sur. N. J. Pal., vol. 4, 1907, p. 687, pl. LXXVII, figs. 19-21

Formation: Cretaceous, Merchantville clay-marl

Location: New Jersey

— altispira (Gabb) Whitfield

Geol. Sur. N. J., vol. 2, 1892, p. 128, pl. XVI, figs. 7, 8

Formation: Cretaceous, Lower Green Marls

Location: New Jersey

— altispira (Gabb) Whitfield

U. S. Geol. Sur. Mon. 18, 1892, p. 128, pl. XVI, figs. 7, 8

Formation: Cretaceous, Lower Green Marls

- Location: Mullica Hill, New Jersey
- **conradi** (Meek) Stanton
U. S. Geol. Sur. Bull. 106, 1893, p. 136, pl. XXIX, figs. 7, 8
Formation: Cretaceous
Location: Colorado
- (**conradiana** ?) (Gabb var.) **canadensis** Whiteaves
Can. Geol. Sur., Mesozoic Fossils, vol. 1, pt. 5, 1903, p. 365, no pl.
Formation: Cretaceous
Location: Sucia Islands; Brennan Creek; Vancouver Island
- **crenata** (Conrad) Weller
Geol. Sur. N. J. Pal., vol. 4, 1907, p. 685, pl. LXXVII, figs. 10-12
Formation: Cretaceous, Merchantville clay marl, Woodbury clay, Wenonah sand
Location: New Jersey; Alabama; Mississippi
- **crenata** (Conrad) Whitfield
Geol. Sur. N. J., vol. 2, 1892, p. 126, pl. XVI, figs. 5, 6
Formation: Cretaceous, Lower Green Marls
Location: New Jersey
- **crenata** (Conrad) Whitfield
U. S. Geol. Sur., Mon. 18, 1892, p. 126, pl. XVI, figs. 5, 6
Formation: Cretaceous, Lower Green Marls
Location: Haddonfield, New Jersey
- **depressa** (Meek) Stanton
U. S. Geol. Sur., Bull. 106, 1893, p. 135, pl. XXIX, figs. 11-14
Formation: Cretaceous, Pugnellus sandstone
Location: Coalville, Utah; Huerfano Park, Colorado
- **depressa** (Meek) Stanton
U. S. Geol. Sur., Mon. 32, pt. 2, 1899, p. 639, no pl.
Formation: Cretaceous
Location: Yellowstone National Park, Utah; Colorado
- **depressa** (Meek) Herrick and Johnson
Denison Univ. Sci. Lab. Bull., vol. 11, art. 9, 1900, p. 209, pl. XXIX, figs. 7a, 7b
Formation: Cretaceous
Location: New Mexico
- **infracarinata** (Gabb) Whitfield
Geol. Sur. N. J., vol. 2, 1892, p. 125, pl. XV, figs. 13-16
Formation: Cretaceous, Lower Green Marls
Location: New Jersey
- **infracarinata** (Gabb) Whitfield
U. S. Geol. Sur., Mon. 18, 1892, p. 125, pl. XV, figs. 13-16
Formation: Cretaceous, Lower Green Marls
Location: New Jersey
- **obtusivolva** (Gabb) Whitfield
Geol. Sur. N. J., vol. 2, 1892, p. 129, pl. XVI, figs. 9-12
Formation: Cretaceous, Lower Green Marls
Location: New Jersey
- **obtusivolva** (Gabb) Whitfield
U. S. Geol. Sur., Mon., 18, 1892, p. 129, pl. XVI, figs. 9-12
Formation: Cretaceous, Lower Green Marls
Location: Mullica Hill, New Jersey
- **petrosus** (Morton) Whitfield
Geol. Sur. N. J., vol. 2, 1892, p. 127, pl. XVI, figs. 1-4

- Formation: Cretaceous, Lower Green Marls
 Location: New Jersey
- **petrosus** (Morton) Whitfield
 U. S. Geol. Sur. Mon. 18, 1892, pl. 127, pl. XVI, figs. 1-4
 Formation: Cretaceous, Lower Green Marls
 Location: New Jersey
- **petrosus** (Morton) Weller
 Geol. Sur. N. J. Pal., vol. 4, 1907, p. 689, pl. LXXVII, figs. 13-18
 Formation: Cretaceous, Merchantville clay-marl, Wenonah sand,
 Navesink marl, Red Bank sand
 Location: New Jersey; Alabama; Mississippi; Texas
- **petrosus** (Morton) Gardner
 Maryland Geol. Sur., U. Cret., 1916, p. 496, pl. XIII, fig. 8
 Formation: Cretaceous, Matawan, Monmouth, Ripley, Selma
 Location: Alabama; Delaware; Maryland; New Jersey; Mississippi
- **siskiyouensis** n. sp. Anderson
 Cal. Acad. Sci. Proc., vol. 2, No. 1, 1912, p. 76, pl. VIII, figs. 167,
 168
 Formation: Cretaceous, Chico beds
 Location: Siskiyou Mountains
- Gyronites** — see **Meekoceras**
- (Waagen) Hyatt and Smith
 U. S. Geol. Sur., Prof. Paper 40, 1905, p. 145
 Formation: Triassic
- (Waagen) Smith
 Cal. Acad. Sci. Proc., 3d ser., 1904, vol. 1, p. 372, no pl.
 Formation: Triassic
- Halilucites** (Diener) Smith
 U. S. Geol. Sur. Prof. Paper 83, 1914, p. 64, no pl.
 Formation: Triassic
- Haliotis lomaensis** n. sp. Anderson
 Cal. Acad. Sci. Proc., 3d ser., Geol., vol. 2, No. 1, 1902, p. 75, pl.
 IX, fig. 183
 Formation: Cretaceous, Chico
 Location: California
- Halobia** (Brown) Smith
 Cal. Acad. Sci. Proc., 3d ser. Geol., vol. 1, 1904, p. 403, no pl.
 Formation: Triassic, Ladinic, Karnic, and Noric
- **austriaca** Mojs. ? Frech
 Cong. Geol. Intern. C.R. 10^o sess. Mexico, 1906, p. 331, Taf. I,
 figs. 1a, b
 Formation: Triassic
 Location: Puente del Ahogado, Zacatecas, Mexico
- sp. juv. (Zitteli, Linstrum) Kittl
 Second Norwegian Arctic Exped. in the Fram, Rept. No. 7, 1907,
 p. 21
 Formation: Triassic
 Location: Hutinsel im Bayfjord
- **superba** (Mojsisovics) Smith
 Cal. Acad. Sci. Proc., 3d ser., vol. 1, 1904, p. 403, pl. XLVIII, figs.
 1, 2
 Formation: Triassic, Karnic
 Location: California

- **Zitteli** (Lindstr.) Kittl
 Second Norwegian Arctic Exped. in the Fram, Rept. No. 7, 1907,
 p. 14, Taf. I, figs. 7-11
 Formation: Triassic
 Location: Bärenkapland, Blauer Berg im Grayfjord
- Halorites** (Mojsisovics) Hyatt and Smith
 U. S. Geol. Sur. Prof. Paper 40, 1905, p. 41, no pl.
 Formation: Triassic
- **americanus** (Hyatt) Hyatt and Smith
 U. S. Geol. Sur. Prof. Paper 40, 1905, p. 42, pl. XXIX, figs. 1, 2
 Formation: Triassic, Pseudomonotis beds
 Location: California
- (**Homerites**) **semiglobosus** (Hauer) Hyatt and Smith
 U. S. Geol. Sur. Prof. Paper 40, 1905, p. 43, pl. XXVIII, figs.
 19-24
 Formation: Triassic
 Location: Shasta county, California
- Haloritidae** (Mojsisovics) Smith
 U. S. Geol. Sur. Prof. Paper 83, 1914, p. 37, no pl.
 Formation: Triassic
- (Mojsisovics) Hyatt and Smith
 U. S. Geol. Sur. Prof. Paper 40, 1905, p. 35
 Formation: Triassic
- Haminea** (Gray) Gardner
 Maryland Geol. Sur., U. Cret., 1916, p. 407, no pl.
 Formation: Cretaceous
- **cylindrica** n. sp. Gardner
 Maryland Geol. Sur., U. Cret., 1916, p. 409, pl. XVIII, figs. 8, 9
 Formation: Cretaceous, Monmouth
 Location: Maryland
- **mortoni** (Forbes)
 Geol. Sur. N. J. Pal., vol. 4, 1907, p. 812, pl. XCIX, figs. 14-16
 Formation: Cretaceous, Navesink marl
 Location: New Jersey
- **mortoni** (Weller) Gardner
 Maryland Geol. Sur., U. Cret., 1916, p. 408, no pl.
 Formation: Cretaceous, Matawan, Selma
 Location: Maryland; New Jersey; Alabama; Mississippi
- **truncata** (Stanton) Herrick and Johnson
 Denison Univ. Sci. Lab. Bull., vol. 11, art. 9, 1900, pl. XLIV, figs.
 9, 11, (no description)
 Formation: Cretaceous
 Location: Near Albuquerque, New Mexico
- **truncata** n. sp. Stanton
 U. S. Geol. Sur. Bull. 106, 1893, p. 162, pl. XXXIV, figs. 9-11
 Formation: Cretaceous, Pugnellus sandstone
 Location: Colorado
- Hamites** (Parkinson) Adkins and Winton
 Univ. of Texas Bull. 1945, 1919, p. 38, no pl.
 Formation: Cretaceous
- (**Ptychoceras**) **aequicostatum** (Gabb) Anderson
 Cal. Acad. Sci. Proc., ser. Geol., vol. 2, No. 1, 1902, no pl.
 Formation: Cretaceous
 Location: California

- **armatus** n. sp. Anderson
Cal. Acad. Sci. Proc., ser. Geol., vol. 2, No. 1, 1902, p. 89, pl. V,
figs. 130–132
Formation: Cretaceous, Chico beds
Location: California
- sp. aff. **Armatus** (Sowerby) Adkins
Univ. of Texas Bull. No. 1856, 1918, p. 69, no pl.
Formation: Cretaceous, Base of Pawpaw formation
Location: Near Fort Worth, Texas
- **comanchensis** n. sp. Adkins and Winton
Univ. of Texas Bull. 1945, 1919, p. 38, pl. VI, fig. 10
Formation: Cretaceous, Duck Creek limestone
Location: North Texas
- **cylindraceus** (de France) Anderson
Cal. Acad. Sci. Proc., 3d ser. Geol., vol. 2, No. 1, 1902, p. 89
Formation: Cretaceous
Location: Oregon
- **ellipticus** n. sp. Anderson
Cal. Acad. Sci. Proc., 3d ser. Geol., vol. 2, No. 1, 1902, pl. III
Formation: Cretaceous
Location: Oregon
- **fremonti** (Marcou) Adkins and Winton
Univ. of Texas Bull. 1945, 1919, p. 40, pl. VI, fig. 3
Formation: Cretaceous, Duck Creek, Georgetown
Location: Texas; Oklahoma
- **nokonis** n. sp. Adkins and Winton
Univ. of Texas Bull. 1945, 1919, p. 39, pl. VI, figs. 5, 6
Formation: Cretaceous, Duck Creek limestone
Location: Oklahoma; Texas
- **obstrictus** (Jimbo) Whiteaves
Can. Geol. Sur., Mesozoic Fossils, vol. 1, pt. 5, 1903, p. 334, pl.
XLIV, fig. 3
Formation: Cretaceous
Location: Socia Islands
- **obstrictus** (Jimbo) Whiteaves
Can. Roy. Soc. Proc. and Trans., 2d ser., vol. 1, sec. 4, 1895, p.
130
Formation: Cretaceous
Location: Socia Islands
- **phoenixensis** n. sp. Anderson
Cal. Acad. Sci. Proc., 3d ser. Geol., vol. 2, No. 1, 1902, p. 88, pl.
III, fig. 104
Formation: Cretaceous, Chico beds
Location: Phoenix, Oregon
- (**Ptychoceras**) **solanoense** n. sp. Anderson
Cal. Acad. Sci. Proc., 3d ser. Geol., vol. 2, No. 1, p. 90, 1902, pl.
IX, fig. 184
Formation: Cretaceous
Location: California
- **tanima** n. sp. Adkins and Winton
Univ. of Texas Bul. 1945, 1919, p. 41, pl. VI, figs. 1, 2
Formation: Cretaceous, Duck Creek
Location: Fort Worth, Texas

- *tenawa* (Adkins and Winton) Adkins
Univ. of Texas Bull. No. 1856, 1918, p. 69, no pl.
Formation: Cretaceous, Pawpaw
Location: Tarrant county, Texas
- *tenawa* n. sp. Adkins and Winton
Univ. of Texas Bull., 1945, 1919, p. 43, pl. VI, fig. 4
Formation: Cretaceous, Pawpaw
Location: Texas
- Hamulina worthensis* n. sp. Adkins
Univ. of Texas Bull. No. 1856, 1918, p. 71, pl. II, figs. 23-26
Formation: Cretaceous, Base of Pawpaw, clay facies
Location: Near Fort Worth, Texas
- Hamulus* (Morton) Gardner
Maryland Geol. Sur., U. Cret., 1916, p. 747, no pl.
Formation: Cretaceous
- *falcatus* (Conrad) Weller
Geol. Sur. N. J. Pal., vol. 4, 1907, p. 309, pl. XXII, figs. 11, 12
Formation: Cretaceous, Marshalltown clay marl
Location: Swedesboro, New Jersey
- *lineatus* n. sp. Weller
Geol. Sur. N. J. Pal., vol. 4, 1907, p. 310, pl. XIX, fig. 7
Formation: Cretaceous, Merchantville clay marl
Location: Senola, New Jersey
- *onyx* (Morton) Gardner
Maryland Geol. Sur., U. Cret., 1916, p. 747, no pl.
Formation: Cretaceous, Matawan, Monmouth
Location: Maryland; Alabama
- ? sp. Weller
Geol. Sur. N. J. Pal., vol. 4, 1907, p. 311, pl. XIX, figs. 3, 4
Formation: Cretaceous, Wenonah sand
Location: Crawfords Corner, New Jersey
- Haploceras* (Zittel) Roig
Secretaria de Agr. Comercio y Trabajo Bol. Especial, Habana,
Cuba, 1920, p. 39
- *beudanti* Merriam
Univ. Cal. Bull. Geol., vol. 2, 1901, p. 283, no pl.
Formation: Cretaceous
Location: John Day Basin, Oregon
- *carinata* n. sp. Aguilera
Com. Geol. de México, Bol. 1, 1895, p. 19, Lám. VII, fig. 6
Formation: Jurassic
Location: Mexico
- *catorcensis* n. sp. Aguilera
Com. Geol. de México, Bol. 1, 1895, p. 21, Lám. VII, fig. 5
Formation: Jurassic
Location: Mexico
- *churchi* n. sp. Burwash
Can. Roy. Soc. Proc. and Trans., ser. 3, vol. 7, sec. IV, 1913, p. 81,
pl. I, fig. 2
Formation: Cretaceous
Location: Queen Charlotte Islands
- *complanatum* n. sp. Burckhardt
Inst. Geol. de México, Bol. 33, 1919, p. 15, Lám. IV, figs. 13,
15-17

- Formation: Jurassic
Location: Cañon del Toboso, México
- **cornutum** n. sp. Burckhardt
Inst. Geol. de México, Bol. 23, 1906, p. 91, Lám. XXIV, figs. 7–10
Formation: Jurassic, Kimeridgian
Location: Mazapil, Mexico
- **costatum** n. sp. Burckhardt
Inst. Geol. de México, Bol. 23, 1906, p. 96, Lám. XXV, figs. 1–10
Formation: Jurassic, Kimeridgian
Location: Mazapil, Mexico
- **felixi** n. sp. Burckhardt
Inst. Geol. de México, Bol. 23, 1906, p. 93, Lám. XXIV, figs. 11–15
Formation: Jurassic, Kimeridgian
Location: Mazapil, Mexico
- **fialar** (Oppel) Roig
Secretaria de Agr. Comercio y Trabajo Bol. Especial, Habana, Cuba 1920, p. 39, pl. XIV, figs. 3, 3a
Formation: Jurassic, Kimeridgian
Location: Puerta del Ancón, Laguna de Piedra, Cuchillos de José Rivera
- **fialar** (Oppel.) sp. Burckhardt
Inst. Geol. de México, Bol. 23, 1906, p. 77, Lám. XIX, figs. 1–19, Lám. XX, figs. 1–6, 12, 14, 15
Formation: Jurassic, Kimeridgian
Location: Mazapil, Mexico
- **aff. fialar** (Oppel.) Roig
Secretaria de Agr. Comercio y Trabajo Bol. Especial, Habana, Cuba, 1920, p. 41, pl. XIV, fig. 5
Formation: Jurassic, Kimeridgian
Location: Laguna de Piedra
- **aff. fialar** (Oppel.) sp. Burckhardt
Inst. Geol. de México, Bol. 23, 1906, p. 80, Lám. XX, figs. 7–11; 13
Formation: Jurassic, Kimeridgian
Location: Mazapil, Mexico
- **mazapilensis** n. sp. Aguilera
Com. Geol. de México, Bol. 1, 1895, p. 20, Lám. VII, fig. 4
Formation: Jurassic
Location: Sierra de Zuloago, Zacatecas; Sierra de Catorce, Mexico
- **mexicanum** n. sp. Burckhardt
Inst. Geol. de México, Bol. 23, 1906, p. 89, Lám. XXIII, figs. 9–12; 13–15
Formation: Jurassic, Kimeridgian
Location: Mazapil, Mexico
- **ordóñezi** Aguilera sp. Burckhardt
Inst. Geol. de México, Bol. 23, 1906, p. 94, Lám. XXVI, figs. 1–78
Formation: Jurassic, Kimeridgian
Location: Mazapil, Mexico
- **sp. indt.** Burckhardt
Inst. Geol. de México, Bol. 23, 1906, p. 90, Lám. XXIV, figs. 1–3
Formation: Jurassic, Kimeridgian
Location: Mazapil, Mexico
- **transatlanticum** n. sp. Burckhardt
Inst. Geol. de México, Bol. 23, 1906, p. 83, Lám. XXI, figs. 1–8; 13–15

- Formation: Jurassic, Kimeridgian
 Location: Mazapil, Mexico
- *aff. transatlanticum* n. sp. Burckhardt
 Inst. Geol. de México, Bol. 23, 1906, p. 85, Lám. XXI, figs. 9–12
 Formation: Jurassic, Kimeridgian
 Location: Mazapil, Mexico
- *zacatecanum* n. sp. Burckhardt
 Inst. Geol. de México, Bol. 23, 1906, p. 85, Lám. XXII, figs. 1–11
 Formation: Jurassic, Kimeridgian
 Location: Mazapil, Mexico
- *aff. zacatecanum* n. sp. Burckhardt
 Inst. Geol. de México, Bol. 23, 1906, p. 87, Lám. XXIII, figs. 1–8
 Formation: Jurassic, Kimeridgian
 Location: Mazapil, Mexico
- Haplophragmium concava** n. sp. Bagg
 Johns Hop. Univ. Circ., vol. 15, No. 121, 1895, p. 11
 Formation: Cretaceous, Rancocas
 Location: Blue Ball, N. J.
- *concavum* (Bagg) Weller
 Geol. Sur. N. J. Pal., vol. 4, 1907, p. 189, pl. I, figs. 1, 2
 Formation: Cretaceous, Hornerstown marl
 Location: New Jersey
- *concavum* Bagg
 U. S. Geol. Sur. Bull. 88, 1898, p. 27, pl. II, figs. 1a, 1b
 Formation: Cretaceous, Rancocas
 Location: New Jersey
- *irregulara* (Roemer) Weller
 Geol. Sur. N. J. Pal., vol. 4, 1907, p. 190
 Formation: Cretaceous, Vincentown
 Location: Vincentown, New Jersey
- *irregulara* (Roemer) Bagg
 U. S. Geol. Sur. Bull. 88, 1898, p. 27, no pl.
 Formation: Cretaceous, Rancocas formation
 Location: New Jersey
- Haploscapia eccentrica** Conrad Logan
 Kan. Univ. Geol. Sur., vol. 4, 1898, p. 494, pl. XCIII
 Formation: Cretaceous, Ornithostoma beds of Niobrara area
 Location: Kansas
- *grandis* (Conrad) Logan
 Kan. Univ. Geol. Sur., vol. 4, 1898, p. 492, 493, pl. XCIV
 Formation: Cretaceous, Lowermost Ornithostoma beds of Niobrara area
 Location: Kansas
- *niobrarensis* n. sp. Logan
 Kan. Univ. Geol. Sur., vol. 4, 1898, p. 493, pl. CXVI, fig. 2
 Formation: Cretaceous, Lowermost Ornithostoma beds
 Location: Kansas
- Haplovoluta** n. gen. Wade
 Phila. Acad. Nat. Sci. Proc., vol. 70, 1918, p. 114. To replace
 genus *Scobina* described by Wade in vol. 69, p. 286 of the
 Academy Proceedings
- Harpa** (?) *occidentalis* n. sp. Herrick and Johnson
 Denison Univ. Sci. Lab. Bull., vol. 11, art. 9, 1900, p. 212, pl.
 XXVIII, fig. 4

- Formation: Cretaceous
Location: New Mexico
- Harpagodes shumardi** (Hill) Shattuck
U. S. Geol. Sur. Bull., 205, 1903, p. 32, pl. XXI
Formation: Cretaceous, Buda limestone
Location: Austin, Texas
- Hauericeras gardeni** (Baily) Whiteaves
Can. Geol. Sur., Mesozoic Fossils, vol. 1, pt. 5, 1903, p. 352, no pl.
Formation: Cretaceous
Location: Vancouver Island
- Hauerites** (Mojsisovics) Hyatt and Smith
U. S. Geol. Sur. Prof. Paper 40, 1905, p. 104, no pl.
Formation: Triassic
- **ashleyi** n. sp. Hyatt and Smith
U. S. Geol. Sur. Prof. Paper 40, 1905, p. 104, pl. XXXVII, figs. 10-12
Formation: Triassic
Location: Shasta county, California
- Haydenites** (Diener) Smith
U. S. Geol. Sur. Prof. Paper 83, 1914, p. 114, no pl.
Formation: Triassic
- **hatschekii** (Diener) Smith
U. S. Geol. Prof. Paper 83, 1914, pl. XXXIII, p. 114, figs. 1-3
Formation: Triassic
Location: West Humboldt range, Nevada
- Hedenstroemia** (Waagen) Hyatt and Smith
U. S. Geol. Sur. Prof. Paper 40, p. 100, no pl.
Formation: Triassic
- **kossomati** n. sp. Hyatt and Smith
U. S. Geol. Sur. Prof. Paper 40, p. 101, pl. LXVII, figs. 3-7; pl. LXXXIV, figs. 1-10
Formation: Triassic
Location: California
- Helcion giganteus?** var. **vancouverensis** Whiteaves
Can. Geol. Sur., Mesozoic Fossils, vol. 1, pt. 5, 1903, p. 370, pl. LI, fig. 1
Formation: Cretaceous
Location: Vancouver Island
- **granulatus** n. sp. Stanton
U. S. Geol. Sur. Bull. 133, 1895, p. 63, pl. XII, fig. 4
Formation: Cretaceous, Knoxville beds
Location: California
- ? **tentorium** (Morton) Whitfield
Geol. Sur. N. J., vol. 2, 1892, p. 153, pl. XIX, figs. 6-8
Formation: Cretaceous, Lower Green Marls
Location: New Jersey
- **tentorium** (Morton) Whitfield
U. S. Geol. Sur., Mon. 18, 1892, p. 153, pl. XIX, figs. 6-8
Formation: Cretaceous, Lower Green Marls
Location: Arnetown, New Jersey
- **tenuicostatus** n. sp. Whiteaves
Can. Geol. Sur., Mesozoic Fossils, vol. 1, pt. 5, 1903, p. 371, pl. XLV, figs. 8, 8a

- Formation: Cretaceous
 Location: Vancouver Island
- ? *Helicoceras corrugatum* (Stanton) Logan
 Kan. Univ. Geol. Sur., vol. 4, 1898, p. 462, pl. C, fig. 3
 Formation: Cretaceous, Septaria horizon of Fort Benton limestone
 Location: Kansas
- *corrugatum* n. sp. Stanton
 U. S. Geol. Sur. Bull. 106, 1893, p. 165, pl. XXXV, fig. 5
 Formation: Cretaceous, Niobrara limestone
 Location: Turkey creek, Huerfano Park, Colorado
- *indicum* (?) Stol. Anderson
 Cal. Acad. Sci. Proc., 3d ser. Geol., vol. 2, No. 1, 1902, p. 91, pl. III, figs. 96, 97
 Syn. Stol. Pal. Ind., vol. 1, p. 184, pl. LXXXVI
 Formation: Cretaceous, Chico
 Location: California
- *pariense* (White) Stanton
 U. S. Geol. Sur. Bull. 106, 1893, p. 164, pl. XXXV, figs. 2-4
 Formation: Cretaceous
 Location: Southeast of Paria, Utah
- *pariense* (White) Johnson
 Columbia Univ. Contr. Geol. Dept., Vol. X, No. 90, 1903, p. 132
 Formation: Cretaceous, Ft. Pierre
 Location: Santa Rosa Mountain, New Mexico
- *pariense* (White) Johnson
 School of Mines Quart., vol. 24, No. 2, 1903, p. 204, (See U. S. Geol. Sur. Bull. 106, p. 164)
 Formation: Cretaceous, Santa Rosa Mountain, Fort Pierre age
 Location: New Mexico
- *stevensoni* Whitfield
 Amer. Mus. Nat. Hist. Bull., vol. 14, 1901, p. 219, pl. XXIX; XXX
 Formation: Cretaceous, Fort Pierre Group
 Location: Chadron, Nebraska
- Helicocryptus mexicanus* Böse n. sp.
 Inst. Geol. de México, Bol. 25, 1910, p. 140, Lám. XLVI, figs. 1-5; Lám. XLVII, fig. 1
 Formation: Cretaceous, Lower Cenomanian
 Location: Cerro Muleros, Mexico
- Helix* ? White
 U. S. Geol. Sur. Bull. 128, 1895, p. 48, pl. VI, fig. 13
 Formation: Cretaceous, Bear River
- *vetusta* (Meek and Hayden) Stanton and Hatcher
 U. S. Geol. Sur. Bull. 257, 1905, p. 117, no pl.
 Formation: Cretaceous, Judith River beds
 Location: Montana
- Hemiacirsa cretacea* n. sp. Wade
 Phila. Acad. Nat. Sci. Proc., 1917, vol. 69, p. 301, pl. XIX, fig. 3
 Formation: Upper Cretaceous, Ripley
 Location: Coon Creek, McNairy Co., Tenn.
- Hemiaster* (Desor) Slocum
 Field Col. Mus. Nat. Hist. Pub. 134, 1909, p. 9, no pl.
 Formation: Cretaceous to Recent
- *beecheri* (Clark) n. sp. Clark and Twitchell
 U. S. Geol. Sur. Mon. 54, 1915, p. 96, pl. L, figs. 2a-c

- Formation: Cretaceous, Pierre Shale
Location: South Dakota
- **bexari** Clark n. sp. Clark and Twitchell
U. S. Geol. Sur. Mon. 54, 1915, p. 89, pl. XLVI, figs. 1a-c
Formation: Cretaceous, Washita
Location: Bexar county, Texas
- **californicus** (Clark) Clark
U. S. Geol. Sur. Bull. 97, 1893, p. 90, pl. XLIX, figs. 1a-c
Formation: Cretaceous, Chico group
Location: California
- **californicus** (Clark) Clark and Twitchell
U. S. Geol. Sur. Mon. 54, 1915, p. 96, pl. L, figs. 1a-d
Formation: Cretaceous, Chico
Location: Shasta county, California
- **calvini** (Clark) Clark
U. S. Geol. Sur. Bull. 97, 1893, p. 90, pl. XLIX, figs. 2a-i
Formation: Cretaceous
Location: Texas
- **calvini** (Clark) Böse
Inst. Geol. de México, Bol. 25, 1910, p. 175, Lám. XLIII, figs. 3-5,
8; Lám. XLIV, figs. 1-8; Lám. XLV, figs. 1-3, 5
Formation: Cretaceous, Cenomanian
Location: Cerro Muleros
- **calvini** (Clark) Clark and Twitchell
U. S. Geol. Sur. Mon. 54, 1915, p. 91, pl. XLVII, figs. 2a-i
Formation: Cretaceous, Washita, Shoal Creek type
Location: Texas
- **calvini** (Clark) Whitney
Bull. Amer. Pal. No. 26, 1916, p. 18, pl. VIII, figs. 4-7; pl. IX,
figs. 1-3
Formation: Cretaceous, Buda
Location: Austin and Manchaca
- **calvini** (Clark) Adkins
Univ. of Texas Bull. No. 1856, 1918, p. 114, pl. V, figs. 1, 2, 4;
pl. VI, fig. 3, pl. VIII, fig. 6
Formation: Cretaceous, Weno to Buda
Location: Texas
- **calvini** (Clark) Adkins and Winton
Univ. of Texas Bull. 1945, 1919, p. 54, pl. VIII, figs. 1, 2
Formation: Cretaceous, Washita
Location: North Texas
- **comanchei** (Clark) n. sp. Clark and Twitchell
U. S. Geol. Sur. Mon. 54, 1915, p. 90, pl. XLVI, figs. 2a-d
Formation: Cretaceous, Glen Rose
Location: Austin, Texas
- **dalli** (Clark) Clark
U. S. Geol. Sur. Bull. 97, 1893, p. 89, pl. XLVIII, figs. 2a-e
Formation: Cretaceous, Washita
Location: Texas
- **dalli** (Clark) Clark and Twitchell
U. S. Geol. Sur. Mon. 54, 1915, p. 90, pl. XLVII, figs. 1a-f
Formation: Cretaceous, Washita
Location: Bexar county, Texas
- **delawarensis** n. sp. Clark
Maryland Geol. Sur., U. Cret., 1916, p. 751, pl. XLVII, figs. 11-14

- Formation: Cretaceous, Matawan
 Location: Delaware
- **elegans** (Shumard) Clark and Twitchell
 U. S. Geol. Sur. Mon. 54, 1915, p. 88, pl. XLI; figs. 1a-c; pl. XLII, figs. 1a-h; pl. XLIII, figs. 1a-f
 Formation: Cretaceous, Washita
 Location: Fort Washita, and Fort Worth, Texas
- **elegans** (Shumard) Adkins and Winton
 Univ. of Texas Bull. 1945, 1919, p. 53, pl. VIII, figs. 3, 4
 Formation: Cretaceous, Duck Creek and Fort Worth limestone
 Location: North Texas
- **humphreysanus** (Meek and Hayden) Clark
 U. S. Geol. Sur. Bull. 97, 1893, p. 88, pl. XLVIII, figs. 1a-f
 Formation: Cretaceous, Fort Pierre
 Location: Montana
- **humphreysanus** (M. and H.) Clark and Twitchell
 U. S. Geol. Sur. Mon. 54, 1915, p. 95, pl. XLIX, figs. 2a-f
 Formation: Cretaceous, Montana group, Pierre Shale
 Location: Montana
- **kummeli** n. sp. (Clark) Weller
 Geol. Sur. N. J. Pal., vol. 4, 1907, p. 303, pl. XVII, figs. 1-3
 Formation: Cretaceous, Woodbury clay
 Location: Lorillard, New Jersey
- **kummeli** (Clark) Clark and Twitchell
 U. S. Geol. Sur. Mon. 54, 1915, p. 97, pl. LII, figs. 1a-c
 Formation: Cretaceous, Matawan
 Location: Near Keyport, New Jersey
- **lacunosus** n. sp. Slocum
 Field Col. Mus. Nat. Hist. Geol. Series, Pub. 134, vol. 4, No. 1, 1909, p. 10, pl. II, figs. 1-7
 Formation: Cretaceous, Ripley
 Location: Mississippi
- **lacunosus** (Slocum) Clark and Twitchell
 U. S. Geol. Sur. Mon. 54, 1915, p. 97, pl. L, figs. 2a-d; pl. LI, figs. 1a-i
 Formation: Cretaceous, Ripley
 Location: Pontotoc and Houston, Mississippi
- **parastatus** (Morton) Clark
 U. S. Geol. Sur. Bull. 97, 1893, p. 83, pl. XLV, figs. 1a-m
 Formation: Cretaceous, Ripley
 Location: New Jersey; Alabama
- **parastatus** (Morton) Weller
 Geol. Sur. N. J. Pal., vol. 4, 1907, p. 298, pl. XV, figs. 1-13
 Formation: Cretaceous, Vincentown limesand
 Location: Vincentown, New Jersey
- **parastatus** (Morton) Slocum
 Field Col. Mus. Nat. Hist. Geol. Series, Pub. 134, vol. 4, No. 1, 1909, p. 9, no pl.
 Formation: Cretaceous, Ripley
 Location: Mississippi
- **parastatus** (Morton) Clark and Twitchell
 U. S. Geol. Sur. Mon. 54, 1915, p. 92, pl. XLVIII, figs. 1a-n
 Formation: Cretaceous, Rancocas, Ripley

- Location: New Jersey; Alabama
- **riovistae** n. sp. Adkins
Univ. of Texas Bull. No. 1856, 1918, p. 115, pl. VI, fig. 4; pl. VIII, figs. 2, 3, 5
Formation: Cretaceous, Weno
Location: Riovista, Texas
 - **species B** Adkins and Winton
Univ. of Texas Bull. 1945, 1919, p. 53, pl. VIII, figs. 7-9
Formation: Cretaceous, Goodland limestone
Location: North Texas
 - **sp. Böse**
Univ. of Texas Bull. No. 1856, 1918, p. 232, pl. XX, figs. 6-10
Formation: Cretaceous, Cenomanian
Location: Mexico
 - **sp. Clark**
Maryland Geol. Sur., U. Cret., 1916, p. 752, no pl.
Formation: Cretaceous, Matawan
Location: Delaware
 - **stella** (Mort.) Clark
U. S. Geol. Sur. Bull. 97, 1893, p. 84, pl. XLVI, figs. 1a-d
Formation: Cretaceous
Location: New Jersey
 - **stella** (Morton) Weller
Geol. Sur. N. J. Pal., vol. 4, 1907, p. 300, pl. XVI, figs. 1-4
Formation: Cretaceous, Vincenttown limesand
Location: New Jersey
 - **stella** (Morton) Clark and Twitchell
U. S. Geol. Sur. Mon. 54, 1915, p. 93, pl. XLVIII, figs. 2a-d
Formation: Cretaceous, Rancocas
Location: New Jersey
 - **texanus** (Roemer) Clark
U. S. Geol. Sur. Bull. 97, 1893, p. 86, pl. XLVII, figs. 1a-i
Formation: Cretaceous
Location: Texas
 - **texanus** (Roemer) Cragin
Texas Geol. Sur., 4th Ann. Rept., 1893, p. 155, no pl.
Formation: Cretaceous
Location: Travis and Medina counties, Texas
 - **texanus** (Roemer) Clark and Twitchell
U. S. Geol. Sur. Mon. 54, 1915, p. 94, pl. XLIX, figs. 1a-j
Formation: Cretaceous, Austin chalk
Location: Texas
 - **ungula** (Morton) Clark
U. S. Geol. Sur. Bull. 97, 1893, p. 85, pl. XLVI, figs. 2a-g
Formation: Cretaceous
Location: New Jersey
 - **ungula** (Morton) Weller
Geol. Sur. N. J. Pal., vol. 4, 1907, p. 301, pl. XXI, figs. 5-11
Formation: Cretaceous, Vincenttown limesand
Location: Timber creek, New Jersey
 - **ungula** (Morton) Clark and Twitchell
U. S. Geol. Sur. Mon. 54, 1915, p. 93, pl. XLVIII, figs. 3a-g
Formation: Cretaceous, Rancocas
Location: New Jersey

- **vancouverensis** n. sp. Whiteaves
 Amer. Jour. Sci. ser. 4, vol. 18, 1904, p. 289, no pl.
 Formation: Cretaceous, Nanimo group
 Location: Vancouver Island, B. C.
- **welleri** n. sp. (Clark) Weller
 Geol. Sur. N. J. Pal., vol. 4, 1907, p. 302, pl. XVII, figs. 4-6
 Formation: Cretaceous, Merchantville clay marl
 Location: New Jersey
- **welleri** (Clark) Clark and Twitchell
 U. S. Geol. Sur. Mon. 54, 1915, p. 98, pl. LII, figs. 2a-c
 Formation: Cretaceous, Monmouth
 Location: New Jersey
- **whitei** (Clark) Adkins and Winton
 Univ. of Texas Bull. 1945, 1919, p. 53, no pl.
 Formation: Cretaceous, Goodland to Fort Worth limestone
 Location: North Texas
- **whitei** (Clark) Clark and Twitchell
 U. S. Geol. Sur. Mon. 54, p. 89, pl. XLIII, figs. 2a-c; pl. XLIV,
 figs. 1a-h; pl. XLV, figs. 1a-d, 2a-f
 Formation: Cretaceous, Fredericksburg and Washita
 Location: Texas
- Hemicidaris intumescens** (Clark) Clark
 U. S. Geol. Sur. Bull. 97, 1893, p. 44, pl. XII, figs. 1a-i
 Formation: Jurassic
 Location: California
- **intumescens** (Clark) Clark and Twitchell
 U. S. Geol. Sur. Mon. 54, 1915, p. 31, pl. IV, figs. 4a-i
 Formation: Jurassic, Monnon Sandstone
 Location: Plumas county, California
- Hementolium** ? sp. ? Hyatt
 Geol. Soc. Amer. Bull., vol. 5, 1894, p. 416, no pl.
 Formation: Triassic
 Location: Sailor's Canyon, California
- **charltoni** n. sp. Cragin
 Colo. Coll. Studies, 5th Ann. Pub., 1894, p. 50, no pl.
 Formation: Cretaceous, Washita, Choctaw limestone
 Location: Denison, Texas
- Hemipedinina charltoni** (Cragin) Clark and Twitchell
 U. S. Geol. Sur. Mon. 54, 1915, p. 57, no pl.
 Formation: Cretaceous, Washita
 Location: Grayson county, Texas
- Hercorhynchus jerseyensis** n. sp. Weller
 Geol. Sur. N. J. Pal., vol. 4, 1907, p. 737, pl. LXXXV, figs. 18-22
 Formation: Cretaceous, Cliffwood
 Location: New Jersey
- Hercoglossa paucifex** (Cope) Whitfield
 Geol. Sur. N. J., vol. 2, 1892, p. 246, pl. XXXIX, fig. 1
 Formation: Cretaceous, Middle Green Marls
 Location: New Jersey
- **paucifex** (Cope) Whitfield
 U. S. Geol. Sur. Mon. 18, 1892, p. 246, pl. XXIX, fig. 1
 Formation: Cretaceous, Marls
 Location: Glassboro, Gloucester county, New Jersey
- **paucifex** (Cope) Weller

- Geol. Sur. N. J. Pal., vol. 4, 1907, p. 815, pl. CII, fig. 1
 Formation: Cretaceous, Hornerstown marl
 Location: New Jersey
- Heteroceras angulatum** (M. & H.) Logan
 Kan. Univ. Geol. Sur., vol. 4, 1898, p. 514, pl. CVIII, fig. 2
 Formation: Cretaceous, Fort Pierre Shales
 Location: Kansas
- **ceratopse** n. sp. Anderson
 Cal. Acad. Sci. Proc., 3rd ser. Geol., vol. 2, No. 1, 1902, p. 91, pl. III, figs. 100, 101
 Formation: Cretaceous
 Location: Phoenix, Oregon
- **cochleatum** (M. & H.) Logan
 Kan. Univ. Geol. Sur., vol. 4, 1898, p. 512, pl. CVII, fig. 2
 Formation: Cretaceous, Fort Pierre Shales
 Location: Butte Creek, Kansas
- **conradi** (Morton) Weller
 Geol. Sur. N. J. Pal., vol. 4, 1907, p. 833, pl. CVIII, figs. 5-8
 Formation: Cretaceous, Navesink marl
 Location: New Jersey
- **conradi** (Morton) Whitfield
 Geol. Sur. N. J., vol. 2, 1892, p. 269, pl. XLV, figs. 9-14
 Formation: Cretaceous, Lower Green Marls
 Location: New Jersey
- **conradi** (Morton) Whitfield
 U. S. Geol. Sur. Mon. 18, 1892, p. 269, pl. XLV, figs. 9-14
 Formation: Cretaceous, Lower Green Marls
 Location: Arneytown, New Jersey
- **elongatum** n. sp. Whiteaves
 Can. Geol. Sur., Mesozoic Fossils, vol. 1, pt. 5, 1903, p. 331, pl. XLIV, fig. 2
 Formation: Cretaceous
 Location: Vancouver Islands
- **hornbyense** (nom. prov.) Whiteaves
 Can. Rec. Sci., vol. 6, 1895, p. 316
 Formation: Cretaceous
 Location: Hornby Island, British Columbia
- **hornbyense** (Whiteaves) Whiteaves
 Can. Geol. Sur., Mesozoic Fossils, vol. 1, pt. 5, 1903, p. 332, pl. XLII, figs. 1, 2, 3, 4
 Formation: Cretaceous
 Location: Hornby Island
- **nebrascense** Gilbert
 U. S. Geol. Sur., 17th Ann. Rept., pt. 2, 1895-96, pl. LXIV
 Formation: Cretaceous, Tepee zone of Pierre shale
 Location: East Colorado
- **perversum** (nom. prov.) Whiteaves
 Can. Rec. Sci., vol. 6, 1895, p. 317
 Formation: Cretaceous
 Location: Hornby Island, British Columbia
- **simplicostatium** Whitfield
 Amer. Mus. Nat. Hist. Bull., vol. 16, 1902, p. 68, pl. XXIII-XXVII
 Formation: Cretaceous

- Location: Buffalo Gap, South Dakota Black Hills
 — *sp.* Harris and Veatch
 Geol. Sur. La. Rept., 1899, p. 297, pl. LI, fig. 4
 Formation: Cretaceous
 Location: Bienville Parish, Louisiana
- Heterodiadema ornatum** (Clark) n. *sp.* Clark and Twitchell
 U. S. Geol. Sur. Mon. 54, 1915, p. 56, pl. XVIII, figs. 2a-f
 Formation: Cretaceous, Washita
 Location: Fort Worth, Texas
- Heteropora pervicella** (Gabb & Horn) Weller
 Geol. Sur. N. J. Pal., vol. 4, 1907, p. 327, pl. XXIII, fig. 1, 2
 Formation: Cretaceous, Vincentown limesand
 Location: Vincentown, New Jersey
- Himeraelites** — see **Monopleura**
- Hindsia nodulosa** Whiteaves
 Can. Geol. Sur. Mesozoic Fossils, vol. 1, pt. 5, 1903, p. 357, pl. XLIII, fig. 2
 Formation: Cretaceous
 Location: Vancouver Island
- Hippothoa tennichorda** (U. & B.) Bassler
 Maryland Geol. Sur., U. Cret., 1916, p. 745
 Formation: Cretaceous, Rancocas
 Location: Delaware
- Hippocampoides** n. *gen.* Wade
 Phila. Acad. Nat. Sci. Proc., vol. 68, 1916, p. 466
- *serratus* n. *sp.* Wade
 Phila. Acad. Nat. Sci. Proc. vol. 68, 1916, p. 467, pl. XXIV, figs. 11, 12, 13
 Formation: Upper Cretaceous, Ripley
 Location: Coon Creek, McNairy Co., Tenn.
- Hippurites flabellifer** n. *sp.* Cragin
 Texas Geol. Sur., 4th Ann. Rept., 1893, p. 190, pl. XXXVIII, fig. 3; pl. XL, fig. 1
 Formation: Cretaceous, Caprina limestone
 Location: Texas
- Holaster completus** n. *sp.* Cragin
 Texas Geol. Sur., 4th Ann. Rept., 1893, p. 155, pl. XXIV, fig. 10; pl. XXV, fig. 14; pl. XXVII, figs. 6-8
 Formation: Cretaceous
 Location: Grayson county, Texas
- *nanus* n. *sp.* Cragin
 Texas Geol. Sur., 4th Ann. Rept., 1893, p. 156, pl. XXIV, fig. 14; pl. XXV, fig. 11
 Formation: Cretaceous, "Vola bed"
 Location: Texas
- *sp. aff. simplex* (Shumard) Adkins
 Univ. of Texas Bull. No. 1856, 1918, p. 104, no pl.
 Formation: Cretaceous, Weno and Pawpaw
 Location: Texas
- **simplex** (Shumard) Cragin
 Texas Geol. Sur., 4th Ann. Rept., 1893, p. 157, pl. XXV, fig. 13
 Formation: Cretaceous, Fort Worth limestone
 Location: Texas
- **simplex** (Shumard) Clark
 U. S. Geol. Sur. Bull. 97, 1893, p. 76, pl. XXXVIII, figs. 1a-g; pl.

XXXIX, figs. 1a-d

Formation: Cretaceous, Washita

Location: Texas

— **simplex** (Shumard) Clark and Twitchell

U. S. Geol. Sur. Mon. 54, 1915, p. 85, pl. XXXIV, figs. 3a-b; pl.

XXXVIII, figs. 1a-j; pl. XXXIX, figs. 1a-g

Formation: Cretaceous, Washita

Location: Texas; Oklahoma

— **simplex** (Shumard) Adkins and Winton

Univ. of Texas Bull. 1945, 1919, p. 51, pl. IX, figs. 18, 19; pl. VIII, figs. 5, 6

Formation: Cretaceous, Duck Creek and Fort Worth

Location: North Texas

— **supernus** n. sp. Cragin

Texas Geol. Sur., 4th Ann. Rept., 1893, p. 157, no pl.

Formation: Cretaceous

Location: Texas

Holcediscus cumshewaensis Whiteaves

Can. Geol. Sur., Mesozoic Fossils, vol. 1, pt. 4, 1900, p. 278, no pl.

Formation: Cretaceous

Location: Queen Charlotte Islands

— **laperousianus** Whiteaves

Geol. Sur. Can., Mesozoic Fossils, 1900, vol. 1, pt. 4, p. 278, no pl.

Formation: Cretaceous

Location: Queen Charlotte Islands

— **cfr. theobaldianus** (Stol.) Anderson

Cal. Acad. Sci. Proc., 3d ser., vol. 2, No. 1, p. 101, 1902, pl. V, figs. 126, 127; pl. X, fig. 197

Formation: Cretaceous

Location: California

Holcostephanus juv. aff. **pronus** (Oppel.) sp. Burekhardt

Inst. Geol. de México, Bol. 29, 1912, p. 127, Lám. XXXV, figs. 4-6

Formation: Jurassic, Portlandian

Location: San Pedro del Gallo, Durango

Holcotypus charltoni n. sp. Cragin

Texas Geol. Sur., 4th Ann. Rept., 1893, p. 158, pl. XXIV, figs. 8, 9

Formation: Cretaceous, Arietina beds

Location: Texas

— **cragini** (Clark) n. sp. Clark and Twitchell

U. S. Geol. Sur. Mon. 54, 1915, p. 34, pl. V, fig. 4

Formation: Jurassic, Malone

Location: Malone Mountains, Texas

— **limitis** n. sp. Böse

Inst. Geol. de México, Bol. 25, p. 159, 1910, Lám. XXXVI, figs. 3-6; Lám. XXXVII, figs. 1-8; Lám. XXXVIII, figs. 1, 2

Formation: Cretaceous, Lower Cenomanian

Location: Cerro Muleros, Mexico

— **limitis** (Böse) Adkins

Univ. of Texas Bull. No. 1856, 1918, p. 103, no pl.

Formation: Cretaceous

Location: North Texas

-- **limitis** (Boese) Adkins and Winton

Univ. of Texas Bull. 1945, 1919, p. 51, pl. IX, figs. 1, 3

Formation: Cretaceous, Washita

- Location: North Texas
- **pealei** (Clark) n. sp. Clark and Twitchell
U. S. Geol. Sur. Mon. 54, 1915, p. 33, pl. V, figs. 3a-b
Formation: Jurassic
Location: Yellowstone National Park, Wyoming
 - **planatus** (Roemer) Cragin
Texas Geol. Sur., 4th Ann. Rept., 1893, p. 159, no pl.
Formation: Cretaceous, Fredericksburg series
Location: Texas
 - **planatus** (Roemer) Clark
U. S. Geol. Sur. Bull. 97, 1893, p. 58, pl. XXIII, figs. 2a-f
Formation: Cretaceous, Washita
Location: Texas
 - **planatus** (Roemer) Clark and Twitchell
U. S. Geol. Sur. Mon. 54, 1915, p. 65, pl. XXV, figs. 2a-f; 3a-c, 4; pl. XXVI, figs. 1a-e
Formation: Cretaceous
Location: Texas
 - **planatus** ? (Roemer) Whitney
Bull. Amer. Pal. No. 26, 1916, p. 12, pl. VII, figs. 1-5
Formation: Cretaceous, Buda
Location: Austin, Texas
 - **planatus** (Roemer) Adkins and Winton
Univ. of Texas Bull. 1945, 1919, p. 50, pl. IX, fig. 2
Formation: Cretaceous, Top of Fredericksburg
Location: North Texas
 - ? sp. Cragin
U. S. Geol. Sur. Bull. 266, 1905, p. 35, no pl.
Formation: Jurassic
Location: Malone Mountain, Texas
 - **transpecocensis** n. sp. Cragin
Texas Geol. Sur., 4th Ann. Rept., 1893, p. 160, pl. XXVII, figs. 3-5
Formation: Cretaceous
Location: Sierra Blanca and Castle Mountains, Hudspeth county, Texas
- Holocraspedum** n. gen. Cragin
Texas Geol. Sur., 4th Ann. Rept., 1893, p. 190, no pl.
Formation: Cretaceous
Location: Texas
- Homerites** — see **Halorites**
- (Mojsisovics) Hyatt and Smith
U. S. Geol. Sur. Prof. Paper 40, 1905, p. 42, no pl.
Formation: Triassic
 - **semiglobosus** (Hauer) Smith
Leland Stan. Jr. Univ. Pub. 1914, pl. VI, figs. 16-21
Formation: Upper Triassic
Location: California
- Homolopsis** (Bell) Whiteaves
Can. Geol. Sur., Mesozoic Fossils, 1900, vol. 1, pt. 4, p. 266, no pl.
- Woodward
Geol. Soc. London Quart. Journ. vol. 52, 1896, p. 224
 - **punctata** n. sp. Rathbun
U. S. Nat. Mus. Proc., vol. 52, 1917, p. 388, pl. XXXIII, figs. 1-3

- Formation: Cretaceous, Pierre Shale
 Location: Carson county, South Dakota
- *richardsoni* n. sp. Woodward
 Geol. Soc. London Quart. Jour., vol. 52, 1896, p. 224, fig. 3
 Formation: Cretaceous
 Location: Queen Charlotte Islands
- *richardsoni* (Woodward) Whiteaves
 Can. Geol. Sur., Mesozoic Fossils, vol. 1, pt. 4, 1900, p. 266, no pl., fig. 13
 Formation: Cretaceous
 Location: Queen Charlotte Islands
- Homomya austinensis* n. sp. Shattuck
 U. S. Geol. Sur. Bull. 205, 1903, p. 29, pl. XVI, figs. 1-3
 Formation: Cretaceous
 Location: Austin, Texas
- *Bravoensis* Böse n. sp.
 Inst. Geol. de México, Bol. 25, 1910, p. 136, Lám. XXIX, figs. 5, 6
 Formation: Cretaceous, Vraconian
 Location: Cerro de Muleros, Mexico
- *budaensis* n. sp. Whitney
 Univ. of Texas Bull. 184, 1911, p. 15, pl. III, figs. 1, 2; pl. IV, figs. 1, 2
 Formation: Cretaceous, Buda
 Location: Austin, Texas
- *budaensis* n. sp. Whitney
 Texas Acad. Sci. Trans., vol. 12, 1913, p. 15, pl. III, figs. 1, 2; pl. IV, figs. 1, 2
 Formation: Cretaceous, Buda limestone
 Location: Austin, Texas
- *concentrica* (Gabb) Merriam
 Univ. Cal. Bull. of Geol., vol. 2, 1901, p. 283, no pl.
 Formation: Cretaceous
 Location: John Day Basin, Oregon
- *gallatinensis* n. sp. Stanton
 U. S. Geol. Sur. Mon. 32, pt. 2, 1899, p. 625, pl. LXXIV, figs. 6, 7
 Formation: Jurassic, Ellis
 Location: Yellowstone National Park
- *aff. Ligeriensis* (D'Orb.) Böse
 Inst. Geol. de México, Bol. 25, 1910, p. 137, Lám. XXIX, figs. 1-4
 Formation: Cretaceous, Lower Cenomanian
 Location: Cerro Muleros, Mexico
- *jurafacies* n. sp. Cragin
 Texas Geol. Sur., 4th Ann. Rept., 1893, p. 191, pl. XXXIX, figs. 1, 2
 Formation: Cretaceous, Alternating beds
 Location: Texas
- *solida* n. sp. Cragin
 Texas Geol. Sur., 4th Ann. Rept., 1893, p. 191, pl. XXXIX, figs. 3, 4
 Formation: Cretaceous, Alternating beds limestone
 Location: Texas
- ? sp. Kittl
 Second Norwegian Arctic Exped. in the Fram, Rept. No. 7, 1907, p. 37

- Formation: Triassic
Location: Hutinsel im Bayfjord
- *vulgaris* n. sp. Shattuck
U. S. Geol. Sur. Bull. 205, 1903, p. 29, pl. XVI, figs. 4, 5; pl. XVII
Formation: Cretaceous
Location: Austin, Texas
- *washita* n. sp. Cragin
Colo. Coll. Studies, 5th Ann. Pub., 1894, p. 59, no pl.
Formation: Cretaceous, Grayson marl
Location: Near Denison, Texas
- Hoplites angulatus** n. sp. Stanton
U. S. Geol. Sur. Bull. 133, 1895, p. 80, pl. XVIII, figs. 3, 4
Formation: Cretaceous, Knoxville beds
Location: California
- *bifurcatus* n. sp. Aguilera
Com. Geol. de México, Bol. 1, 1895, p. 42, Lám. XX, fig. 1
Formation: Jurassic
Location: Mexico
- *calisto* var. Aguilera
Com. Geol. de México, Bol. 1, 1895, p. 38, Lám. XI, fig. 2
Formation: Jurassic
Location: Mexico
- *calisto* var. Aguilera
Com. Geol. de México, Bol. 1, 1895, p. 39, Lám. XXII, fig. 2
Formation: Jurassic
Location: Mexico
- cfr. *calistoides* (Behrendsen) Burckhardt
Inst. Geol. de México, Bol. 23, 1906, p. 139, Lám. XXXIX, figs. 5, 6
Formation: Jurassic, Portlandian
Location: Mazapil, Mexico
- *canadensis* n. sp. Whiteaves
Can. Roy. Soc. Proc. and Trans., vol. 10, sec. 4, 1892, p. 118, pl. XI, figs. 3, 3a, 4, 5
Formation: Cretaceous
Location: District of Athabasca, Canada
- *cohglani* n. sp. Aguilera
Com. Geol. de México, Bol. 1, 1895, p. 40, Lám. XXI, fig. 1; Lám. XXII, fig. 1
Formation: Jurassic
Location: Mexico
- *crassiplicatus* n. sp. Stanton
U. S. Geol. Sur. Bull. 133, 1895, p. 81, pl. XVIII, fig. 8
Formation: Cretaceous, Knoxville
Location: California
- *dilleri* n. sp. Stanton
U. S. Geol. Sur. Bull. 133, 1895, p. 82, pl. XVIII, figs. 6, 7
Formation: Cretaceous, Knoxville beds
Location: California
- *exceptionalis* n. sp. Aguilera
Com. Geol. de México, Bol. 1, 1895, p. 43, Lám. XX, fig. 2
Formation: Jurassic
Location: Mexico

- **Haidaquensis** Whiteaves
 Can. Geol. Sur., Mesozoic Fossils, vol. 1, pt. 4, 1900, p. 279
 Formation: Cretaceous, Lower Shales
 Location: Queen Charlotte Islands
- **Haidaquensis** n. sp. Whiteaves
 Can. Rec. Sci., vol. 5, 1893, p. 444, pl. VII, figs. 2, 2a, 2b
 Formation: Cretaceous
 Location: Queen Charlotte Islands
- **Heilprini** n. sp. Aguilera
 Com. Geol. de México, Bol. 1, 1895, p. 41, Lám. XXII, fig. 7
 Formation: Jurassic
 Location: Mexico
- **hyatti** n. sp. Stanton
 U. S. Geol. Sur. Bull. 133, 1895, p. 79, pl. XVI, fig. 2
 Formation: Cretaceous, Knoxville beds
 Location: Oregon
- **cfr. hystricoides** (Uhlig) Burckhardt
 Inst. Geol. de México, Bol. 23, 1906, p. 187, Lám. XL, figs. 4; Lám. XLI, figs. 4, 5
 Formation: Cretaceous
 Location: Mazapil, Mexico
- **mexicanus** n. sp. Aguilera
 Com. Geol. de México, Bol. 1, 1895, p. 41, Lám. XV
 Formation: Jurassic
 Location: Mexico
- **sp. aff. michaelis** (Uhlig) Burckhardt
 Inst. Geol. de México, Bol. 23, 1906, p. 186, Lám. XL, fig. 5; Lám. XLI, figs. 1, 2
 Formation: Cretaceous
 Location: Mazapil, Mexico
- **microcanthus** (Oppel) Burckhardt
 Inst. Geol. de México, Bol. 29, 1912, p. 141, Lám. XXXVI, figs. 1-3, 9
 Formation: Jurassic, Portlandian
 Location: San Pedro, Durango
- **aff. microcanthus** (Oppel, sp.) Burckhardt
 Inst. Geol. de México, Bol. 33, 1919, p. 54, Lám. XVIII, figs. 5-9
 Formation: Jurassic
 Location: Torres, Mexico
- **cfr. neocomiensis** (d'Orb.) Burckhardt
 Inst. Geol. de México, Bol. 23, 1906, p. 188, Lám. XLI, figs. 3, 6
 Formation: Cretaceous
 Location: Mazapil, Mexico
- **newcombii** n. sp. Whiteaves
 Can. Geol. Sur., Mesozoic Fossils, vol. 1, pt. 4, 1900, p. 281, pl. XXXVII, figs. 1, 1a
 Formation: Cretaceous
 Location: Queen Charlotte Islands
- **roemeri** n. sp. Cragin
 Texas Geol. Sur., 4th Ann. Rept., 1893, p. 234, pl. XLIV, figs. 4, 5
 Formation: Cretaceous, Dinosaur Sands
 Location: Texas
- **sp. ? Aguilera**

- Com. Geol. de México, Bol. 1, 1895, p. 42, Lám. XVIII
 Formation: Jurassic
 Location: Mexico
- **storrsi** n. sp. Stanton
 U. S. Geol. Sur. Bull. 133, 1895, p. 79, pl. XVII, figs. 1, 2; pl. XVIII, fig. 5
 Formation: Cretaceous, 3,000 ft. below the top of the Knoxville beds
 Location: California
- sp. indt. Burckhardt
 Inst. Geol. de México, Bol. 23, 1906, p. 140, Lám. XXXVIII, figs. 1-5
 Formation: Jurassic, Portlandian
 Location: Mazapil. Mexico
- sp. indt. Burckhardt
 Inst. Geol. de México, Bol. 23, 1906, p. 135, Lám. XXXIV, figs. 15-18; Lám. XXXVII, figs. 3, 4
 Formation: Jurassic, Portlandian
 Location: Mazapil. Mexico
- sp. indt. Burckhardt
 Inst. Geol. de México, Bol. 29, 1912, p. 142, Lám. XXXVI, figs. 4-6
 Formation: Jurassic, Portlandian
 Location: San Pedro, Durango
- **texanus** n. sp. Cragin
 Texas Geol. Sur., 4th Ann. Rept., 1893, p. 235, pl. XLIV, figs. 1, 2
 Formation: Cretaceous, Vola limestone and Arietina clay
 Location: Texas
- **cfr. thurmanni** (Pict. et Camp) Burckhardt
 Inst. Geol. de México, Bol. 23, 1906, p. 189, Lám. XLII, figs. 1, 2
 Formation: Cretaceous
 Location: Mazapil. Mexico
- **vancouverensis** (Meek sp.) Whiteaves
 Geol. Sur. Can., Mesozoic Fossils, 1903, vol. 1, pt. 5, p. 339, no pl.
 Formation: Cretaceous
 Location: Sucia Islands
- **yakounensis** n. sp. Whiteaves
 Can. Geol. Sur., Mesozoic Fossils, vol. 1, pt. 4, 1900, p. 280, pl. XXXVI, figs. 1, 1a, 1b
 Formation: Cretaceous
 Location: Queen Charlotte Islands
- Hoplitoides** (v. Koenen emend Solgn et Pervinquiere) Böse
 Univ. of Texas Bull. No. 1856, 1918, p. 225, no pl.
 Formation: Cretaceous, Lower Turonian
 Location: Mexico
- **aff. mirabilis** (Pervinquiere) Böse
 Univ. of Texas Bull. No. 1856, 1918, p. 225, pl. XIX, figs. 1-3
 Formation: Cretaceous, Lower Turonian (Salmurian)
 Location: Mexico
- Hoploparia** (McCoy) Pilsbry
 Phila. Acad. Nat. Sci. Proc., vol. 53, 1901, p. 115, no pl.
 Formation: Cretaceous
- (McCoy) Pilsbry
 Maryland Geol. Sur., U. Cret., 1916, p. 361, no pl.

- Formation: Cretaceous
- **bennetti** (Woodward) Whiteaves
Can. Geol. Sur., Mesozoic Fossils, vol. 1, pt. 5, 1903, p. 320, no pl.
Formation: Cretaceous
Location: Vancouver Islands
- **bennetti** n. sp. Woodward
Geol. Mag., n. s. decade 4, vol. 7, 1900, p. 433
Formation: Upper Cretaceous
Location: Comox River, British Columbia
- **browni** n. sp. Whitfield
Amer. Mus. Hist. Bull. No. 23, 1907, p. 459, pl. XXXVI, figs. 1-5
Formation: Cretaceous, Fox Hills
Location: Miles City, Montana
- **gabbi** n. sp. Pilsbry
Phila. Acad. Sci. Proc., vol. 53, 1901, p. 115, pl. I, figs. 11-14
Formation: Cretaceous, Lower Marl beds
Location: New Jersey
- **gabbi** Pilsbry
Maryland Geol. Sur., U. Cret., 1916, p. 361, pl. X, figs. 1-4, 8, 9
Formation: Cretaceous, Matawan
Location: Delaware
- **gabbi** (Pilsbry) Weller
Geol. Sur. N. J. Pal., vol. 4, 1907, p. 846, pl. CX, figs. 12-15
Formation: Cretaceous, Merchantville clay-marl
Location: New Jersey
- **gladiator** (Pilsbry) Weller
Geol. Sur. N. J. Pal., vol. 4, 1907, p. 848, pl. CX, figs. 16, 17
Formation: Cretaceous, Merchantville clay-marl
Location: New Jersey
- **gladiator** n. sp. Pilsbry
Phila. Acad. Nat. Sci. Proc., vol. 53, 1901, p. 116, pl. I, figs. 15, 16
Formation: Cretaceous
Location: New Jersey
- **gladiator** Pilsbry
Maryland Geol. Sur., U. Cret., 1916, p. 362, pl. X, fig. 6
Formation: Cretaceous, Matawan
Location: Delaware
- **Westoni** n. sp. Woodward
Geol. Mag., n. s. decade 4, vol. 7, 1900, p. 433, figs. 1, a, b, c
Formation: Upper Cretaceous
Location: Northwest Territories
- Hungarites** (Mojsisovics) Hyatt and Smith
U. S. Geol. Sur. Prof. Paper 40, 1905, p. 127, no pl.
Formation: Triassic
- **fittingensis** n. sp. Smith
U. S. Geol. Sur. Prof. Paper 83, 1914, p. 58, pl. XXIX, figs. 12-14;
pl. XC, figs. 5-7
Formation: Triassic
Location: West Humboldt range, Nevada
- **yatesi** n. sp. Hyatt and Smith
U. S. Geol. Sur. Prof. Paper 40, 1905, p. 129, pl. XX, figs. 1-4
Formation: Cretaceous
Location: California
- **yatesi** (Hyatt and Smith) Smith

- U. S. Geol. Sur. Prof. Paper 83, 1914, p. 58, pl. I, figs. 1-4
 Formation: Triassic
 Location: Inyo range, Inyo county, California
- Hungaritidae** Hyatt and Smith
 U. S. Geol. Sur. Prof. Paper 40, 1905, p. 127, no pl.
 Formation: Triassic
- Hyalina** ? *evansi* (Meek and Hayden) Stanton and Hatcher
 U. S. Geol. Sur. Bull. 257, 1905, p. 117, no pl.
 Formation: Cretaceous, Judith River beds
 Location: Montana
- ? *occidentalis* (Meek and Hayden) Stanton and Hatcher
 U. S. Geol. Sur. Bull. 257, 1905, p. 118, no pl.
 Formation: Cretaceous, Judith River beds
 Location: Montana
- Hydrobia** *occulta* n. sp. White
 U. S. Geol. Sur. Bull. 128, 1895, p. 57, pl. X, figs. 12, 13
 Formation: Cretaceous, Bear River formation
 Location: Near Cokeville, Wyoming
- *subconica* (Meek) Stanton and Hatcher
 U. S. Geol. Sur. Bull. 257, 1905, p. 115, no pl.
 Formation: Cretaceous, Judith River beds
 Location: Montana
- *suscyllindracea* (Whiteaves) Stanton and Hatcher
 U. S. Geol. Sur. Bull. 257, 1905, p. 115, no pl.
 Formation: Cretaceous, Judith River beds
- Hydrotribulus** n. gen. Wade
 Phila. Acad. Nat. Sci. Proc., vol. 68, 1916, p. 464
- *nodosus* Wade
 Phila. Acad. Nat. Sci. Proc., vol. 68, 1916, p. 465, pl. XXIV, figs. 4, 5
 Formation: Cretaceous, Ripley
 Location: Coon Creek, McNairy Co., Tenn.
- Hypodiadema** *elegans* (Clark) n. sp. Clark and Twitchell
 U. S. Geol. Sur. Mon. 54, 1915, p. 52, pl. XIV, figs. 2a-b
 Formation: Cretaceous, Ripley
 Location: Pike county, Arkansas
- Hypsipleura** *gregaria* n. sp. Stanton
 U. S. Geol. Sur. Bull. 133, 1895, p. 70, pl. XIII, figs. 1, 2
 Formation: Cretaceous, Knoxville beds
 Location: Paskenta, California
- ? *occidentalis* n. sp. Stanton
 U. S. Geol. Sur. Bull. 133, 1895, p. 70, pl. XIII, figs. 3, 4
 Formation: Cretaceous
 Location: California
- Hyllus** n. gen. Wade
 Phila. Acad. Nat. Sci. Proc. vol. 69, 1917, p. 281
 See *Parafusus*
- *callilateris* n. sp. Wade
 Phila. Acad. Nat. Sci. Proc. vol. 69, 1917, p. 282, pl. XVII, figs. 5, 6
 Formation: Upper Cretaceous, Ripley
 Location: Coon Creek, Owl Creek, McNairy Co., Tenn.
- *coloratus* n. sp. Wade
 Phila. Acad. Nat. Sci. Proc. vol. 69, 1917, p. 283, pl. XVII, figs.

3, 4

Formation: Upper Cretaceous

Location: Coon Creek, McNairy Co., Tenn.

Hymenaphia ? sp. Merrill

Amer. Mus. Nat. Hist. Bull., vol. 28, No. 1, 1896, p. 16, fig. 16

Formation: Cretaceous flint

Location: Texas

— sp. Merrill

Amer. Mus. Nat. Hist. Bull., vol. 28, No. 1, 1896, p. 17, fig. 19

Formation: Cretaceous flint

Location: Texas

Idmonea abbotti (Gabb and Horn) Weller

Geol. Sur. N. J. Pal., vol. 4, 1907, p. 321, pl. XXII, figs. 3, 4

Formation: Cretaceous, Vincentown limesand

Location: Vincentown, New Jersey

Idoceras n. gen. Burckhardt

Inst. Geol. de México, Bol. 23, 1906, p. 38

Formation: Jurassic

— Burckhardt Division into groups

Inst. Geol. de México, Bol. 29, 1912, p. 101

Formation: Jurassic

— (Burckhardt) Roig

Secretaría de Agr. Comercia y Trabajo Bol. Especial Habana,

Cuba, 1920, p. 33

Formation: Jurassic

— **aguilerae** (Burckhardt) Roig

Secretaría de Agr. Comercia y Trabajo Bol. Especial Habana,

Cuba, 1920, p. 33, pl. X, figs. 5 and 6

Formation: Jurassic, Kimeridgian

Location: Laguna de Piedra, Viñales

— **aguilerae** n. sp. Burckhardt

Inst. Geol. de México, Bol. 29, 1912, p. 105, Lám. XXV, figs. 5, 7-9

Formation: Jurassic, Kimeridgian

Location: Durango, Mexico

— **aguilerae** (Burckhardt) Roig

Revista de Agricultura, Comercio y Trabajo, año 2, No. 12, 1919,

p. 591, fig. 6, (no description)

Formation: Jurassic

Location: Viñales, Cuba

— **angermanni** n. sp. Burckhardt

Inst. Geol. de México, Bol. 29, 1912, p. 113, Lám. XXX, figs. 4-6,

8

Formation: Jurassic, Kimeridgian

Location: Durango, Mexico

— **angermanni** (Burckhardt) Roig

Secretaría de Agr. Comercio y Trabajo Bol. Especial Habana,

Cuba 1920, p. 35, pl. X, figs. 7 and 7a

Formation: Jurassic, Kimeridgian

Location: Puerta del Ancón

— **balderum** (Oppel) sp. Burckhardt

Inst. Geol. de México, Bol. 23, 1906, p. 55, Lám. XII, figs. 1-6

Formation: Jurassic, Kimeridgian

Location: Mazapil, Mexico

— cfr. **balderum** (Loriol) sp. Burckhardt

- Inst. Geol. de México, Bol. 23, 1906, p. 57, Lám. XIII, figs. 1-4
 Formation: Jurassic, Kimeridgian
 Location: Mazapil, Mexico
- **boesei** n. sp. Burckhardt
 Inst. Geol. de México, Bol. 29, 1912, p. 117, Lám. XXIX, figs. 5, 7, 9-11
 Formation: Jurassic, Kimeridgian
 Location: Durango, Mexico
- **cajense** n. sp. Burckhardt
 Inst. Geol. de México, Bol. 23, 1906, p. 64, Lám. XV, figs. 1-3
 Formation: Jurassic, Kimeridgian
 Location: Mazapil, Mexico
- **canelense** n. sp. Burckhardt
 Inst. Geol. de México, Bol. 23, 1906, p. 50, Lám. XIV, figs. 1-4
 Formation: Jurassic, Kimeridgian
 Location: Mazapil, Mexico
- **complanatum** n. sp. Burckhardt
 Inst. Geol. de México, Bol. 29, 1912, p. 115, Lám. XXVIII, figs. 4, 6-8
 Formation: Jurassic, Kimeridgian
 Location: San Pedro del Gallo, Durango, Mexico
- **cragini** n. sp. Burckhardt
 Inst. Geol. de México, Bol. 29, 1912, p. 118, Lám. XXX, figs. 1-3, 7
 Formation: Jurassic, Kimeridgian
 Location: San Pedro del Gallo, Durango, Mexico
- **aff. Dedalum** (Gemmellaro sp) Burckhardt
 Inst. Geol. de México, Bol. 29, 1912, p. 125, Lám. XXXIII, figs. 1-6
 Formation: Jurassic, Kimeridgian
 Location: Durango, Mexico
- **disciforme** n. sp. Burckhardt
 Inst. Geol. de México, Bol. 29, 1912, p. 120, Lám. XXXI, figs. 4-6, 8
 Formation: Jurassic, Kimeridgian
 Location: Durango, Mexico
- **durangense** n. sp. Burckhardt
 Inst. Geol. de México, Bol. 29, 1912, p. 107, Lám. XXVI, figs. 1-6; Lám. XXVIII, figs. 1, 2
 Formation: Jurassic, Kimeridgian
 Location: Durango, Mexico
- **figueroae** n. sp. Burckhardt
 Inst. Geol. de México, Bol. 23, 1906, p. 60, Lám. X, figs. 4-7
 Formation: Jurassic, Kimeridgian
 Location: Mazapil, Mexico
- **cfr. hospes** (Neumayr sp.) Burckhardt
 Inst. Geol. de México, Bol. 23, 1906, p. 46, Lám. X, figs. 8-10
 Formation: Jurassic, Kimeridgian
 Location: Mazapil, Mexico
- **humboldti** n. sp. Burckhardt
 Inst. Geol. de México, Bol. 23, 1906, p. 44, Lám. IX, figs. 5-8
 Formation: Jurassic, Kimeridgian
 Location: Mazapil, Mexico
- **inflatum** n. sp. Burckhardt

- Inst. Geol. de México, Bol. 23, 1906, p. 65, Lám. VIII, figs. 5-8
 Formation: Jurassic, Kimeridgian
 Location: Mazapil, Mexico
- *johnsoni* n. sp. Burckhardt
 Inst. Geol. de México, Bol. 29, 1912, p. 114, Lám. XXV, figs. 6, 10-12
 Formation: Jurassic, Kimeridgian
 Location: Durango, Mexico
- *laxeolatum* (Font. sp.) var. Burckhardt
 Inst. Geol. de México, Bol. 23, 1906, p. 48, Lám. X, figs. 1-3
 Formation: Jurassic, Kimeridgian
 Location: Mazapil, Mexico
- *lorioli* n. sp. Burckhardt
 Inst. Geol. de México, Bol. 29, 1912, p. 109, Lám. XXVIII, figs. 1-3, 5
 Formation: Jurassic, Kimeridgian
 Location: Durango, Mexico
- *mexicanum* n. sp. Burckhardt
 Inst. Geol. de México, Bol. 23, 1906, p. 53, Lám. XI, figs. 9-12
 Formation: Jurassic, Kimeridgian
 Location: Mazapil, Mexico
- *mutabile* n. sp. Burckhardt
 Inst. Geol. de México, Bol. 29, 1912, p. 123, Lám. XXXII, figs. 1-5
 Formation: Jurassic, Kimeridgian
 Location: Durango, Mexico
- *neogaeum* n. sp. Burckhardt
 Inst. Geol. de México, Bol. 23, 1906, p. 51, Lám. XI, figs. 5-8
 Formation: Jurassic, Kimeridgian
 Location: Mazapil, Mexico
- *neohispanicum* n. sp. Burckhardt
 Inst. Geol. de México, Bol. 29, 1912, p. 111, Lám. XXIX, figs. 1-4; 6; 8
 Formation: Jurassic, Kimeridgian
 Location: Durango, Mexico
- *plicomphalum* n. sp. Burckhardt
 Inst. Geol. de México, Bol. 29, 1912, p. 121, Lám. XXXI, figs. 1-3, 7
 Formation: Jurassic, Kimeridgian
 Location: Durango, Mexico
- *rotundus* n. sp. Roig
 Secretaria de Agr. comercio y Trabajo Bol. Esp. Habana, Cuba, 1920, p. 38, pl. XI, figs. 3, 3a
 Formation: Jurassic, Kimmeridgian
 Location: Puerta del Ancón
- *santarosanium* n. sp. Burckhardt
 Inst. Geol. de México, Bol. 23, 1906, p. 58, Lám. XIV, figs. 5-7
 Formation: Jurassic, Kimeridgian
 Location: Mazapil, Mexico
- *sautieri* (Bont.) Burckhardt
 Inst. Geol. de México, Bol. 29, 1912, p. 103, Lám. XXV, figs. 1-4
 Formation: Jurassic, Kimeridgian
 Location: Durango, Mexico
- *aff. sautieri* (Fontannes) Roig
 Secretaria de Agri. Comercio y Trabajo, Bol. especial Habana,

- Cuba, 1920, p. 36, pl. XI, fig. 1
 Formation: Jurassic, Kimeridgian
 Location: Camino del Ruiseñor, Ancón Viñales
- *sotelo* n. sp. Burckhardt
 Inst. Geol. de México, Bol. 23, 1906, p. 52, Lám. IX, figs. 9-12
 Formation: Jurassic, Kimeridgian
 Location: Mazapil, Mexico
- *sotelo* (Burckhardt) Roig
 Secretaria de Agr. Comercio y Trabajo, Bol. Especial, Habana,
 Cuba, 1920, p. 37, pl. XI, fig. 2
 Formation: Jurassic, Kimeridgian
 Location: Puerta del Ancón, Viñales
- sp. (Stanton) Roig
 Secretaria de Agr. Comercio y Trabajo Bol. Especial, Habana,
 Cuba, 1920, p. 39, pl. XI, fig. 4
 Formation: Jurassic
 Location: Puerta del Ancón
- sp. (Stanton) Roig
 Secretaria de Agr. comercio y Trabajo Bol. Esp. Habana, Cuba,
 1920, p. 39, pl. XI, fig. 5
 Formation: Jurassic
 Location: Puerta del Ancón
- *subdedalum* n. sp. Burckhardt
 Inst. Geol. de México, Bol. 23, 1906, p. 63, Lám. XIII, figs. 5-8
 Formation: Jurassic, Kimeridgian
 Location: Mazapil, Mexico
- *sub-malleti* n. sp. Burckhardt
 Inst. Geol. de México, Bol. 23, 1906, p. 45, Lám. XI, figs. 1-4
 Formation: Jurassic, Kimeridgian
 Location: Mazapil, Mexico
- *tuttlei* n. sp. Burckhardt
 Inst. Geol. de México, Bol. 29, 1912, p. 109, Lám. XXVII, figs. 3-6
 Formation: Jurassic, Kimeridgian
 Location: Durango, Mexico
- *viverosi* n. sp. Burckhardt
 Inst. Geol. de México, Bol. 23, 1906, p. 61, Lám. XV, figs. 4-7
 Formation: Jurassic, Kimeridgian
 Location: Mazapil, Mexico
- *zacatecanum* n. sp. Burckhardt
 Inst. Geol. de México, Bol. 23, 1906, p. 42, Lám. IX, figs. 1-4
 Formation: Jurassic, Kimeridgian
 Location: Mazapil, Mexico
- Idonearca* (?) *depressa* (White) Herrick and Johnson
 Denison Univ. Sci. Lab. Bull., vol. 11, art. 9, 1900, p. 206, pl.
 XXV, figs. 2-7
 Formation: Cretaceous
 Location: Rio Puerco valley, New Mexico
- Ilyocypris oblonga* n. sp. Jones
 Geol. Mag., dec. IV, vol. 2, 1895, p. 24, pl. II, figs. 5a, b, c
 Formation: Cretaceous, Saint Mary River beds
 Location: South Branch Milk River, Alberta, Canada
- Inoceramus acuteplicatus* n. sp. Stanton
 U. S. Geol. Sur. Mon. 32, pt. 2, 1899, p. 634, pl. XXV, figs. 9, 10;
 pl. LXXVI, fig. 1

- Formation: Cretaceous, Dakota, Montana
Location: Yellowstone National Park
- **adunca** n. sp. Anderson
Can. Acad. Sci. Proc., 3d ser., vol. 2, No. 1, 1902, p. 73, pl. IX, figs. 188-9
Formation: Cretaceous
Location: Phoenix, Oregon
- **altus** (Meek) Logan
Univ. Kan. Geol. Sur., vol. 4, 1898, p. 506, pl. CVII, fig. 1
Formation: Cretaceous, Fort Pierre Shales
Location: Rawlins county, Kansas
- **balchii** (M. & H.) Johnson
School of Mines Quart., vol. 24, No. 2, 1903, p. 189, pl. II, fig. 16
(see Rep. U. S. Geol. Sur. Terr., vol. 9, p. 56)
Formation: Cretaceous, Fort Pierre
Location: New Mexico
- **balchii** (M. & H.) Johnson
Columbia Univ. Contr. Geol. Dept., Vol. X, No. 90, 1903, p. 117, pl. II, fig. 16
Formation: Cretaceous, Fort Pierre
Location: Achavica Arroyo, New Mexico
- **barabini** Harris and Veatch
Geol. Sur. La. Rept., 1899, p. 295, pl. LI, fig. 2
Formation: Cretaceous
Location: Rayburn's Salt Works, Bienville parish, Louisiana
- **barabini** (Mort.) Böse
Inst. Geol. de México, Bol. 30, 1913, p. 37, Lám. III, fig. 7; Lám. IV, fig. 1
Formation: Cretaceous, Upper Senonian
Location: Coahuila, Mexico
- **brownii** (Cragin) Logan
Kan. Univ. Geol. Sur., vol. 4, 1898, p. 489, no pl.
Formation: Cretaceous
Location: Osborne county, Kansas
- **comancheana** n. sp. Cragin
Colo. Coll. Studies, 5th Ann. Pub., 1894, p. 53, no pl.
Formation: Cretaceous, Basal Washita
Location: Near Denison, Texas
- **comancheanus** (Cragin) Adkins and Winton
Univ. of Texas Bull. 1945, 1919, p. 73, pl. XVII, figs. 1-3
Formation: Cretaceous, Duck Creek
Location: North Texas
- **concentricus** n. sp. Logan
Kan. Univ. Geol. Sur., vol. 4, 1898, p. 490, pl. CXVI, fig. 1
Formation: Cretaceous, Pteranodon horizon
Location: Kansas
- **concentricus** (Parkinson) Whiteaves
Geol. Sur. Canada, Mesozoic Fossils, vol. 1, pt. 4, 1900, p. 297, no pl.
Formation: Cretaceous
Location: Queen Charlotte Islands
- **confertim-annulatus** (Roemer) Weller
Geol. Sur. N. J. Pal., vol. 4, 1907, p. 427, pl. XXIX, figs. 2-5

- Formation: Cretaceous, Navesink marl
 Location: New Jersey; Texas
- *confertim-annulatus* (Roemer) Gardner
 Maryland Geol. Sur., U. Cret., 1916, p. 547, no pl.
 Formation: Cretaceous, Monmouth, Austin
 Location: Maryland; Texas
- *conradi* (H. & M.) Stanton
 U. S. Geol. Sur. Bull. 106, p. 86, 1893, no pl.
 Formation: Cretaceous, Fort Benton shales
 Location: Missouri River, Missouri
- *crispus* var. *barabini* (Morton) Johnson
 School of Mines Quart., vol. 24, 1903, p. 190, pl. V, fig. 22
 Formation: Cretaceous, Fort Pierre Age
 Location: Madrid, New Mexico
- *crispus* var. *barabini* (Morton) Johnson
 Columbia Univ. Contr. Geol. Dept., Vol. X, No. 90, 1903, p. 118,
 pl. V, fig. 22
 Formation: Cretaceous, Fort Pierre age
 Location: Madrid, New Mexico
- *crispus* (Goldf.) Böse
 Inst. Geol. de México, Bol. 30, 1913, p. 28, Lám. II, fig. 8
 Formation: Cretaceous, Upper Senonian
 Locality not given
- *crispus* var. *barabini* (Morton) Logan
 Kan. Univ. Geol. Sur., vol. 4, 1898, p. 504, pl. CIX, fig. 2
 Formation: Cretaceous, Fort Pierre shales
 Location: Kansas
- *crispus* Gilbert
 U. S. Geol. Sur., 17th Ann. Rept., pt. 2, 1895-96, pl. LXV
 Formation: Cretaceous, Pierre shales
 Location: East Colorado
- *cumminsi* n. sp. Cragin
 Texas Geol. Sur., 4th Ann. Rept., 1893, p. 192, pl. XXVI, figs. 1,
 2; pl. XXXVII
 Formation: Cretaceous
 Location: Mexico
- *deformis* (Meek) Logan
 Kan. Univ. Geol. Sur., vol. 4, 1898, p. 486, pl. XCII, fig. 2
 Formation: Cretaceous
 Location: Kansas
- *deformis* (Meek) Stanton
 U. S. Geol. Sur., Bull. 106, 1893, p. 85, pl. XIV, fig. 1; pl. XV,
 figs. 1, 2
 Formation: Cretaceous, Niobraro limestone; Austin limestone
 Location: Colorado; Kansas; Nebraska; Texas
- *deformis* Gilbert
 U. S. Geol. Sur., 17th Ann. Rept., pt. 2, 1895-96, pl. LX
 Formation: Cretaceous, Timpas
 Location: East Colorado
- *deformis* (Meek) Herrick and Johnson
 Denison Univ. Sci. Lab. Bull., vol. 11, art. 9, 1900, pl. XXXVII,
 fig. 1, (no description)
 Formation: Cretaceous

- Location: Albuquerque, New Mexico
- **digitatus** (Sowerby) Whiteaves
 Can. Roy. Soc. Proc. and Trans., 2d ser., vol. 1, sec. 4, 1895, p. 121
 Formation: Cretaceous
 Location: Comax River, Vancouver
- **digitatus** (Sowerby) (Schmidt) Whiteaves
 Geol. Sur. Can., Mesozoic Fossils, vol. 1, pt. 5, 1903, p. 395, no pl.
 Formation: Cretaceous
 Location: Vancouver Islands
- **dimidius** (White) Stanton
 U. S. Geol. Sur. Bull. 106, 1893, p. 78, pl. X, figs. 5, 6
 Formation: Cretaceous, Colorado
 Location: New Mexico; Colorado
- **dimidius** (White) Logan
 Kan. Univ. Geol. Sur., vol. 4, 1898, p. 452, pl. XCVIII, figs. 5, 6
 Formation: Cretaceous, Septaria horizon
 Location: Kansas
- **dimidius** (White) Johnson
 School of Mines Quart., vol. 24, No. 2, 1903, p. 188, pl. II, fig. 18
 Formation: Cretaceous, Fort Benton
 Location: New Mexico
- **dimidius** (White) Johnson
 Columbia Univ. Contr. Geol. Dept., Vol. X, No. 90, 1903, p. 116,
 pl. II, fig. 18
 Formation: Cretaceous, Fort Benton
 Location: Cerillo, New Mexico
- **dimidius** var. **labiatoides** n. var. Shimer and Blodgett
 Amer. Jour. Sci., 4th ser., vol. 25, 1908, p. 61
 Formation: Cretaceous, Fort Benton
 Location: New Mexico
- **dowlingi** n. sp. McLearn
 Canada Dept., Mines Mus. Bull., No. 29, 1919, p. 11, pl. III, figs.
 7, 8
 Formation: Cretaceous, Clearwater formation
 Location: Athabaska River, Alberta, Canada
- **exogyroides** (M. & H.) Stanton
 U. S. Geol. Sur. Bull. 106, 1893, p. 83, pl. XVII, figs. 1, 2
 Formation: Cretaceous, Fort Benton group
 Location: Missouri; Montana
- **exogyroides** (M. & H.) Logan
 Kan. Univ. Geol. Sur., vol. 4, 1898, p. 450, pl. LXXXVII
 Formation: Cretaceous, Fort Benton
 Location: Kansas
- **flaccidus** (White) Stanton
 U. S. Geol. Sur. Bull. 106, 1893, p. 80, pl. XIII, fig. 1
 Formation: Cretaceous
 Location: Pueblo, Colorado
- **flaccidus** (White) Logan
 Kan. Univ. Geol. Sur., vol. 4, 1898, p. 485, pl. XC
 Formation: Cretaceous, Niobrara
 Location: Kansas
- **flaccidus** (White) Stanton
 U. S. Geol. Sur., Mon. 32, pt. 2, 1899, p. 634, no pl.
 Formation: Cretaceous, Niobrara, Austin chalk

- Location: Yellowstone National Park; Montana; Texas; Colorado
- *fragilis* (M. & H.) Logan
 Kan. Univ. Geol. Sur., vol. 4, 1898, p. 454, pl. LXXXVIII
 Formation: Cretaceous, Fort Benton limestone
 Location: Kansas
- *fragilis* (H. & M.) Herrick and Johnson
 Denison Univ. Sci. Lab. Bull., vol. 11, art. 9, 1900, pl. XXX; figs. 1, 2; pl. XXXIV, figs. 3, 4, 5
 Formation: Cretaceous
 Location: East of Caballo Mountains, New Mexico
- *fragilis* (H. & M.) Stanton
 U. S. Geol. Sur., Bull. 106, 1893, p. 76, pl. XI, figs. 1-5
 Formation: Cretaceous, Fort Benton group
 Location: Montana, Black Hills, South Dakota; New Mexico; Utah; Colorado
- *fragilis* (H. & M.) Johnson
 School of Mines Quart., vol. 24, No. 2, 1903, p. 187, pl. II, fig. 17,
 (See Bull. U. S. Geol. Sur. No. 106, p. 76)
 Formation: Cretaceous, Fort Benton age
 Location: New Mexico
- *fragilis* (H. & M.) Johnson
 Columbia Univ. Contr. Geol. Dept., Vol. X, No. 90, 1903, p. 115,
 pl. II, fig. 17
 Formation: Cretaceous, Fort Benton
 Location: Cerrillos, New Mexico
- *gilberti* (White) Stanton
 U. S. Geol. Sur. Bull. 106, 1893, p. 79, pl. XIV, figs. 3, 4
 Formation: Cretaceous, Fox Hills group
 Location: Southern Utah
- *gilberti* (White) Herrick and Johnson
 Denison Univ. Sci. Lab. Bull., vol. 11, art. 9, 1900, pl. XXXVII,
 fig. 3, (no description)
 Formation: Cretaceous
 Location: New Albuquerque, New Mexico
- *gilbertii* (White) Logan
 Kan. Univ. Geol. Sur., vol. 4, 1898, p. 453, pl. XCII, figs. 1, 3
 Formation: Cretaceous, Fort Benton limestone
 Location: Kansas
- *incurvus* (M. & H.) Logan
 Kan. Univ. Geol. Sur., vol. 4, 1898, p. 505, no pl.
 Formation: Cretaceous, Fort Pierre shales
 Location: Rawlins county, Kansas
- *irregularis* n. sp. Johnson
 School of Mines Quart., vol. 24, No. 2, 1903, p. 190, pl. IV, figs. 21, a, b
 Formation: Cretaceous, Fort Pierre age
 Location: New Mexico
- *irregularis* n. sp. Johnson
 Columbia Univ. Contr. Geol. Dept., Vol. X, No. 90, 1903, p. 118,
 pl. IV, figs. 21, a, b
 Formation: Cretaceous, Fort Pierre age
 Location: Achavica Arroyo, New Mexico

- **klamathensis** n. sp. Anderson
Cal. Acad. Sci. Proc., 3d ser. Geol., vol. 2, No. 1, 1902, p. 73, pl. IX, figs. 185-6
Formation: Cretaceous, Chico beds
Location: California; Oregon
- **labiatus** (Schlotheim) Stanton
U. S. Geol. Sur. Bull. 106, 1893, p. 77, pl. X, fig. 4; pl. XIV, fig. 2
Formation: Cretaceous, Niobrara limestone; Fort Benton shales
Location: Kansas; Nebraska; Colorado; Utah; New Mexico; Texas; Northern Mexico
- **labiatus** Gilbert
U. S. Geol. Sur., 17th Ann. Rept., pt. 2, 1895-6, pl. LVII
Formation: Cretaceous, Greenhorn
Location: California
- **labiatus** (Schlotheim) Logan
Kan. Univ. Geol. Sur., vol. 4, 1898, p. 450-51, pl. XCII, fig. 4
Formation: Cretaceous, Fort Benton limestone
Location: Kansas
- **labiatus** (Schloth.) Herrick and Johnson
Denison Univ. Sci. Lab. Bull., vol. 11, art. 9, 1900, pl. XXXVII, fig. 2, (no description)
Formation: Cretaceous
Location: Near Albuquerque, New Mexico
- **labiatus** (Schlotheim) Shimer and Blodgett
Amer. Jour. Sci., 4th ser. Geol., vol. 25, 1908, p. 61
Formation: Cretaceous, Fort Benton or Niobrara
Location: New Mexico
- **labiatus** (Schlotheim) Johnson
School of Mines Quart., vol. 24, No. 2, 1903, p. 187, (See Bull. U. S. Geol. Sur., No. 106, p. 77)
Formation: Cretaceous
Location: New Mexico
- **labiatus** (Schlotheim) Johnson
Columbia Univ. Contr. Geol. Dept., Vol. X, No. 90, 1903, p. 115
Formation: Cretaceous, Fort Benton
Location: Waldo, New Mexico
- **labiatus** (Schloth.) Böse
Inst. Geol. de México, Bol. 30, 1913, p. 25, Lám. I, fig. 14; Lám. II, figs. 1-6; Lám. III, fig. 2
Formation: Cretaceous, Lower Turonian
Location: Chihuahua, Coahuila, Zacatecas, Mexico
- **labiatus** (Schlotheim) Böse
Univ. of Texas Bull., No. 1856, 1918, p. 229, pl. XX, fig. 5
Formation: Cretaceous, Lower Turonian (Salmurian)
Location: Mexico
- **lucianus** n. sp. Davis
Jour. Geol. 1913, vol. 21, p. 455, fig. 2
Formation: Jurassic, Franciscan
Location: California
- **multistriatus** n. sp. Cragin
Texas Geol. Sur., 4th Ann. Rept., 1893, p. 192, no pl.
Formation: Cretaceous
Location: Burnet county, Texas

- **munsoni** n. sp. Cragin
 Colo. Coll. Studies, 5th Ann. Pub., 1894, p. 55, no pl.
 Formation: Cretaceous, Duck Creek limestone
 Location: Near Denison, Texas
- **ovatus** n. sp. Stanton
 U. S. Geol. Sur., Bull. 133, p. 47, 1895, pl. IV, fig. 15
 Formation: Cretaceous, Knoxville beds
 Location: California
- (**Parkinson**) Gardner
 Maryland Geol. Sur., U. Cret., 1916, p. 546, no pl.
 Formation: Cretaceous
 Location: Maryland
- **pennatus** n. sp. Logan
 Kan. Univ. Geol. Sur., vol. 4, 1898, p. 488, pl. CXVIII, fig. 2, pl. CXX, fig. 2
 Formation: Cretaceous, Pterandon beds
 Location: Kansas
- **platinus** n. sp. Logan
 Kan. Univ. Geol. Sur., vol. 4, 1898, p. 491, pl. CXVI
 Formation: Cretaceous, Niobrara
 Location: Kansas
- **proobliqua** (Whitfield) Weller
 Geol. Sur. N. J. Pal., vol. 4, 1907, p. 428, pl. XXXVIII, fig. 4
 Formation: Cretaceous, Navesink Marl
 Location: New Jersey
- **proximus** (Toumey) Weller
 Geol. Sur. N. J. Pal., vol. 4, 1907, p. 454, pl. XL, figs. 1-6; pl. XLI, fig. 1
 Formation: Cretaceous, Cliffwood clay; Merchantville marl; Marshalltown clay-marl
 Location: New Jersey; Mississippi; Arkansas
- **quadrans** (Whitfield) Weller
 Geol. Sur. N. J. Pal., vol. 4, 1907, p. 426, pl. XXXIX, fig. 1
 Formation: Cretaceous, Merchantville clay-marl
 Location: New Jersey
- **sagensis** Gilbert
 U. S. Geol. Sur., 17th Ann. Rept., pt. 2, 1895-6, pl. LXVI
 Formation: Cretaceous, Pierre shales
 Location: East Colorado
- **sagensis** var. **nebrascensis** (Owen) Logan
 Kan. Univ. Geol. Sur., vol. 4, 1898, p. 506, pl. CIX, fig. 2
 Formation: Cretaceous, Fort Pierre shales
 Location: Kansas
- **simpsoni** (Meek) Stanton
 U. S. Geol. Sur. Bull. 106, 1893, p. 79, pl. XII, fig. 1
 Formation: Cretaceous, Fort Pierre age
 Location: South Dakota
- **simpsonii** (Meek) Logan
 Kan. Univ. Geol. Sur., vol. 4, 1898, p. 487, pl. XCVII
 Formation: Cretaceous, Niobrara
 Location: Kansas
- **simpsoni** (Meek) Johnson
 School of Mines Quart., vol. 24, No. 2, 1903, p. 188, (See Bull. U. S. Geol. Sur., No. 106, p. 79)

- Formation: Cretaceous, Fort Pierre age
 Location: New Mexico
- *simpsoni* (Meek) Johnson
 Columbia Univ. Contr. Geol. Dept., Vol. X, No. 90, 1903, p. 116
 Formation: Cretaceous, Fort Pierre
 Location: Madrid, New Mexico
- *cfr. simpsoni* (Meek) Böse
 Inst. Geol. de México, Bol. 24, 1906, p. 36, Lám. I, fig. 6
 Formation: Cretaceous, Lower Senonian
 Location: Couvas, Mexico
- *sp. Whiteaves*
 Can. Roy. Soc. Proc. and Trans., 2nd ser., vol. 1, sec. 4, 1895, p. 113, pl. 1
 Formation: Cretaceous
 Location: Comax River and Naniamo River, Vancouver
- *sp. Herrick and Johnson*
 Denison Univ. Sci. Lab. Bull., vol. 11, art. 9, 1900, pl. XXX, fig. 2, (no description)
 Formation: Cretaceous
 Location: Catallo Mountains, New Mexico
- *n. sp. (?) Johnson*
 School of Mines Quart., vol. 24, No. 2, 1903, p. 190, pl. III, figs. 20a, b
 Formation: Cretaceous, Fort Pierre age
 Location: New Mexico
- *n. sp. (?) Johnson*
 Columbia Univ. Contr. Geol. Dept., Vol. X, No. 90, 1903, p. 118, pl. III, figs. 20a, b
 Formation: Cretaceous, Fort Pierre age
 Location: Madrid, New Mexico
- *sp. Shattuck*
 U. S. Geol. Sur. Bull. 205, 1903, p. 19, no pl.
 Formation: Cretaceous
 Location: Travis county, Texas
- *sp. Whitney*
 Univ. of Texas Bull. 184, 1911, p. 12, pl. I, fig. 5
 Formation: Cretaceous, Buda
 Location: Austin, Texas
- *sp. Whitney*
 Texas Acad. Sci. Trans., vol. 12, 1913, p. 12, pl. I, fig. 5
 Formation: Cretaceous, Buda limestone
 Location: Austin, Texas
- *sp. indt. Pompeckj*
 Kais. Russ. Min. Gesell., St. Petersburg, Verh. Ser. 2, Band 38, 1900, p. 271
 Formation: Jurassic
 Location: Katmaiskoj, Alaska
- *sp. indt. Johnson*
 School of Mines Quart., vol. 24, No. 2, 1903, p. 191
 Formation: Cretaceous
 Location: Grand Central Mountain, and Cerillos, New Mexico
- *sp. indt. Johnson*
 Columbia Univ. Contr. Geol. Dept., Vol. X, No. 90, 1903, p. 119
 Formation: Cretaceous
 Location: Cerillos, New Mexico

- **subconvexus** n. sp. Logan
Kan. Univ. Geol. Sur., vol. 4, 1898, p. 456, pl. CXVIII, fig. 1
Formation: Cretaceous, Fort Benton limestone
Location: Mitchell county, Kansas
- **subtriangulatus** n. sp. Logan
Kan. Univ. Geol. Sur., vol. 4, 1898, p. 488, pl. CXX, fig. 1
Formation: Cretaceous, Hesperornis beds
Location: Gove county, Kansas
- **subundatus** (Meek) Whiteaves
Can. Roy. Soc. Proc. and Trans. 2d ser., vol. 1, sec. 4, 1895, p. 112
Formation: Cretaceous
Location: Naniamo River, Vancouver
- **subundatus** (Meek) Whiteaves
Geol. Sur. Can., Mesozoic Fossils, vol. 1, pt. 5, 1903, p. 397, no pl.
Formation: Cretaceous
Location: Vancouver Islands
- **tenuirostratus** (M. & H.)
U. S. Geol. Sur. Bull. 106, 1893, p. 83, pl. XVI, figs. 3, 4
Formation: Cretaceous, Fort Benton group
Location: Montana
- **tenuirostratus** (M. & H.) Logan
Kan. Univ. Geol. Sur., vol. 4, 1898, p. 455, pl. XCV, figs. 3, 4
Formation: Cretaceous, Septaria horizon
Location: Kansas
- **truncatus** n. sp. Logan
Kan. Univ. Geol. Sur., vol. 4, 1898, p. 492, pl. CXIV
Formation: Cretaceous
Location: Kansas
- **umbonatus** (M. & H.) Stanton
U. S. Geol. Sur. Bull. 106, 1893, p. 81, pl. XVIII, figs. 1, 2
Formation: Cretaceous, Fort Benton group; Austin limestone
Location: Missouri River; Texas; Montana
- **umbonatus** (M. & H.) Logan
Kan. Univ. Geol. Sur., vol. 4, 1898, p. 454, pl. LXXXIX
Formation: Cretaceous, Fort Benton limestone
Location: Kansas
- **umbonatus** (M. & H.) Stanton
U. S. Geol. Sur. Mon. 32, pt. 2, 1899, p. 634, no pl.
Formation: Cretaceous, Coloradoan, Austin chalk, Niobara
Location: Yellowstone National Park; Montana; Texas; Colorado
- **undabundus** (M. & H.) Stanton
U. S. Geol. Sur. Bull. 106, 1893, p. 84, pl. XVI, figs. 1, 2
Formation: Cretaceous, Fort Benton group
Location: Montana
- **undabundus** (M. & H.) Logan
Kan. Univ. Geol. Sur., vol. 4, 1898, p. 455-56, pl. XCV, figs. 1, 2
Formation: Cretaceous, Fort Benton limestone
Location: Kansas
- **undabundus** (M. & H.) Stanton
U. S. Geol. Sur., Mon. 32, pt. 2, 1899, p. 634, no pl.
Formation: Cretaceous, Coloradoan, Niobrara, Austin chalk
Location: Yellowstone National Park; Colorado; Texas; Montana

- *vancouverensis* (Shum.) Whiteaves
 Can. Roy. Soc. Proc. and Trans., 2d ser., vol. 1, sec. 4, 1895, p. 111
 Formation: Cretaceous
 Location: Naniamo River, Vancouver
- *vancouverensis* (Shumard) Whiteaves
 Geol. Sur. Can., Mesozoic Fossils, vol. 1, pt. 5, 1903, p. 398,
 no pl.
 Formation: Cretaceous
 Location: Vancouver Islands
- *vanuxemi* (M. & H.) Johnson
 School of Mines Quart., vol. 24, No. 2, 1903, p. 189, pl. III, fig.
 19. (See Rep. on Geol. of Black Hills of Dakota, p. 96)
 Formation: Cretaceous, Fort Pierre age
 Location: New Mexico
- *vanuxemi* (M. & H.) Johnson
 Columbia Univ. Contr. Geol. Dept., Vol. X, No. 90, 1903, p. 117,
 pl. III, fig. 19
 Formation: Cretaceous, Fort Pierre age
 Location: Madrid, New Mexico
- Inyoites* n. gen. Hyatt and Smith
 U. S. Geol. Sur. Prof. Paper 40, 1905, p. 134, no pl.
 Formation: Triassic
 Location: Inyo county, California
- *oweni* n. sp. Hyatt and Smith
 U. S. Geol. Sur. Prof. Paper 40, 1905, p. 134, pl. VI, figs. 1-16, pl.
 LXIX, figs. 1-9, pl. LXXVIII, figs. 1-8
 Formation: Triassic
 Location: Inyo county, California
- *oweni* (Hyatt and Smith) Smith
 Leland Stanford Jr., Univ. Pub. 1914, pl. IX, figs. 8-13
 Formation: Lower Triassic
 Location: California
- Isastrea cowichanensis* n. sp. Clapp and Shimer
 Bost. Soc. Nat. Hist. Proc., vol. 34, No. 12, 1911, p. 429, pl. XLI,
 fig. 11
 Formation: Jurassic
 Location: Cowichan Lake, Vancouver Island
- *voncouverensis* n. sp. Clapp and Shimer
 Bost. Soc. Nat. Hist. Proc., vol. 34, No. 12, 1911, p. 430, pl. XL,
 fig. 8, pl. XLII, fig. 17
 Formation: Jurassic
 Location: Cowichan Lake, Vancouver Island
- *whiteavesi* n. sp. Clapp and Shimer
 Bost. Soc. Nat. Hist. Proc., vol. 34, No. 12, 1911, p. 429, pl. XL,
 figs. 9, 10
 Formation: Jurassic
 Location: Cowichan Lake, Vancouver Island
- Isocardia cliffwoodensis* n. sp. Weller
 Geol. Sur. N. J. Ann. Rept., 1904, p. 135, pl. XV, figs. 1, 2, 3,
 Journ. Geol., vol. 13, 1905, p. 326, figs. 1, 2, 3
 Formation: Cretaceous
 Location: New Jersey
- *cliffwoodensis* (Weller) Weller
 Geol. Sur. N. J. Pal., vol. 4, 1907, p. 598, pl. LXVI, figs. 10-12
 Formation: Cretaceous, Woodbury clay, Cliffwood clay, Weno-

- nah sand
 Location: New Jersey
- **conradi** (Gabb) Weller
 Geol. Sur. N. J. Pal., vol. 4, 1907, p. 599, pl. LXVI, figs. 13, 14
 Formation: Cretaceous, Vincentown limesand
 Location: New Jersey
- (?) **fraterna** (Say) [Harris]
 Bull. Amer. Pal., vol. 1, No. 5, 1896, p. 319, pl. XI, fig. 1
 No formation given
- **humilis** n. sp. Cragin
 Texas Geol. Sur., 4th Ann. Rept., 1893, p. 193, no pl.
 Formation: Cretaceous, Eagle Ford shale
 Location: Grayson county, Texas
- (?) **medialis** (Conrad) Hill
 Wash. Biol. Soc. Proc., vol. 8, 1893, p. 31, pl. II; figs. 4, 5; pl. III, fig. 6
 Formation: Cretaceous, Glen Rose
 Location: Texas; Arkansas
- **medialis** (Conrad) Shattuck
 U. S. Geol. Sur. Bull. 205, 1903, p. 27, pl. XIV, figs. 4, 5; pl. XV, figs. 1, 2
 Formation: Cretaceous, School Creek
 Location: Austin, Texas
- **tintonensis** n. sp. Weller
 Geol. Sur. N. J. Pal., vol. 4, 1907, p. 599, pl. LXVI, fig. 9
 Formation: Cretaceous, Tinton beds
 Location: New Jersey
- Isocrinus argenteus** n. sp. Bather
 Geol. Soc. London, Quart. Journ., vol. 73, 1918, p. 254
 Formation: Triassic
 Location: Alaska
- **californicus** Clark n. sp. Clark and Twitchell
 U. S. Geol. Sur. Mon. 54, 1915, p. 21, pl. I, figs. 2a-c
 Formation: Triassic
 Location: Shasta and Plumas counties, California
- **cupreus** n. sp. Bather
 Geol. Soc. London, Quart. Journ., vol. 73, 1918, p. 255, (fig. 14, p. 248)
 Formation: Triassic
 Location: Copper River region, Alaska
- **gravinae** n. sp. Bather
 Geol. Soc. London, Quart. Journ., vol. 73, 1918, p. 256, (fig. 15, p. 248)
 Formation: Triassic
 Location: Near Dall Head, Gravina Island, Alaska
- **knighti** n. sp. Springer
 U. S. Nat. Mus. Proc., vol. 36, 1909, p. 180, pl. IV
 Formation: Jurassic, Shirley stage
 Location: Wyoming
- **knighti** (Springer) Clark and Tiwtchell
 U. S. Geol. Sur., Mon. 54, 1915, p. 25, pl. II, figs. 1-13; pl. III, figs. 1a-d
 Formation: Jurassic, Sundance
 Location: Medicine Bow and Red Buttes, Wyoming

- **smithi** (Clark) n. sp. Clark and Twitchell
U. S. Geol. Sur., Mon. 54, 1915, p. 21, pl. I, figs. 1a-b
Formation: Triassic
Location: Bear Lake county, Idaho
- sp. Clark and Twitchell
U. S. Geol. Sur. Mon. 54, 1915, p. 22, no pl.
Formation: Triassic
Location: Pahute range, Nevada
- Joannites** (Mojsisovics) Hyatt and Smith
U. S. Geol. Sur. Prof. Paper 40, 1905, p. 76, no pl.
Formation: Triassic
- **nevadanus** n. sp. Hyatt and Smith
U. S. Geol. Sur. Prof. Paper 40, 1905, p. 76, pl. XXIV, figs. 5-7
Formation: Triassic
Location: Nevada
- Juvavites** (Mojsisovics) Hyatt and Smith
U. S. Geol. Sur. Prof. Paper 40, 1905, p. 45, no pl.
Formation: Triassic
- (**Anatomites**) **mojsvari** n. sp. Burckhardt
Inst. Geol. de México, Bol. 21, 1905, p. 9, Lám. I, figs. 2a, 2b;
Lám. VI, fig. 1
Formation: Triassic
Location: Puente del Ahogado, Zactecas, Mexico
- (**Anatomites**) **subintermittens** n. sp. Hyatt and Smith
U. S. Geol. Sur. Prof. Paper 40, 1905, p. 47, pl. XXX, figs. 3-5
Formation: Triassic, Karnic
Location: Shasta county, California
- **subinterruptus** (Mojsisovics) Hyatt and Smith
U. S. Geol. Sur. Prof. Paper 40, 1905, p. 46, pl. XXX, figs. 1, 2
Formation: Triassic
Location: Shasta county, California
- Kepplerites Tychonis** sp. Ravn
Meddelelser om Grönland, vol. 45, 1911, p. 490, pl. XXXVII, fig. 1
Formation: Jurassic
Location: Traekpasset, Store Koldewey Island, Greenland
- **Tychonis** n. sp. Ravn
Copenhagen Univ. Min. and Geol. Mus. Comm. Paleont. No. 10,
1911, p. 490, pl. XXXVII, fig. 1
Formation: Jurassic
Location: Traekpasset, Store Koldewey Island, Greenland
- Kingena occidentalis** n. sp. Whiteaves
Geol. Sur. Can., Mesozoic Fossils, vol. 1, pt. 5, 1903, p. 404, pl.
LI, figs. 7, 7a
Formation: Cretaceous
Location: Vancouver Island
- sp. Adkins and Winton
Univ. of Texas Bull. 1945, 1919, p. 78, pl. XIX, figs. 3-12
Formation: Cretaceous, Washita
Location: North Texas
- Koninckites** — see **Meekoceras**
- Koninckites** (Waagen) Hyatt and Smith
U. S. Geol. Sur. Prof. Paper 40, 1905, p. 148, no pl.
Formation: Triassic
- (Waagen) Smith

- Cal. Acad. Sci. Proc., 3d ser., vol. 1, 1898, p. 375, no pl.
 Formation: Triassic
- Kossmatia** (Uhlig) Burckhardt
 Inst. Geol. de México, Bol. 29, 1912, p. 131
 Formation: Jurassic
- (**Uhlig**) Roig
 Secretaria de Agr. Comercio y Trabajo Bol. Especial Habana,
 Cuba 1920, p. 43
 Formation: Jurassic
- **interrupa** n. sp. Burckhardt
 Inst. Geol. de México, Bol. 29, 1912, p. 134, Lám. XXXIV, figs.
 2-3, 15
 Formation: Jurassic, Portlandian
 Location: Cerro de las Liebres, Durango, Mexico
- **pectinata** n. sp. Burckhardt
 Inst. Geol. de México, Bol. 29, 1912, p. 135, Lám. XXXIV, figs.
 1, 7-10, 14
 Formation: Jurassic, Portlandian
 Location: Cerro de las Liebres, Durango, Mexico
- **zacatecana** n. sp. Burckhardt
 Inst. Geol. de México, Bol. 29, 1912, p. 136, Lám. XXXI, figs.
 4-6, 11-13, 16, 17, 20
 Formation: Jurassic, Portlandian
 Location: Santa Rosa, Mexico
- **zacatecana** (Burckhardt) Roig
 Secretaria de Agricultura Comercio y Trabajo Bol. Especial
 Habana, Cuba 1920, p. 44
 Formation: Jurassic, Portlandian
 Location: Puerta de Ancón, Cuchillos de José, Rivera, Laguna
 de Piedra
- Lagena aspera** (Reuss) Woodward and Thomas
 Minn. Geol. and Nat. Hist. Sur., Final Rept., vol. 3, pt. 1, 1895,
 p. 35, pl. D, fig. 1
 Formation: Cretaceous
 Location: Nebraska
- **favosa punctata** (Brady) Woodward and Thomas
 Minn. Geol. and Nat. Hist. Sur., Final Rept., vol. 3, pt. 1, 1895,
 p. 36, pl. B. figs. 3-6
 Formation: Cretaceous
 Location: Minnesota
- **globosa** (Montague) Bagge
 U. S. Geol. Sur. Bull. 88, 1898, p. 34, no pl.
 Formation: Jurassic to Recent, Rancocas
 Location: New Jersey
- **globosa** (Montague) Weller
 Geol. Sur. N. J. Pal., vol. 4, 1907, p. 202, pl. I, figs. 35-37
 Formation: Cretaceous, Vincentown limesand
 Location: Vincentown, New Jersey
- **globosa** (Montague sp.) Woodward
 New York Microscopical Soc. Journ., vol. X, No. 4, 1894, p. 101
 Formation: Cretaceous
 Location: Mullica Hill, New Jersey
- **hispida** (Reuss) Woodward and Thomas
 Minn. Geol. and Nat. Hist. Sur., Final Rept., vol. 3, pt. 1, 1895,
 p. 35, pl. D, fig. 2

- Formation: Cretaceous
Location: Minnesota
- Lanceolites** n. gen. Hyatt and Smith
U. S. Geol. Sur. Prof. Paper 40, 1905, p. 113, no pl.
Formation: Triassic
Location: Idaho
- **compactus** n. sp. Hyatt and Smith
U. S. Geol. Sur. Prof. Paper 40, 1905, p. 113, pl. IV, figs. 4–10
Formation: Triassic
Location: Idaho
- Lapeirousia** — see **Radiolites**
- Laxispira** (Gabb) Gardner
Maryland Geol. Sur., U. Cret., 1916, p. 484, no pl.
Formation: Cretaceous
- (Gabb) Whitfield
U. S. Geol. Sur., Mon. 18, 1892, p. 147, no pl.
Formation: Cretaceous
- (Gabb) Whitfield
Geol. Sur. N. J., vol. 2, 1892, p. 147, no pl.
Formation: Cretaceous
- **lumbricalis** (Gabb) Whitfield
Geol. Sur. N. J., vol. 2, 1892, p. 148, pl. XVIII, fig. 25
Formation: Cretaceous, Lower Green Marls
Location: New Jersey
- **lumbricalis** (Gabb) Whitfield
U. S. Geol. Sur., Mon. 18, 1892, p. 148, pl. XVIII, fig. 25
Formation: Cretaceous, Lower Green Marls
Location: Haddonfield, New Jersey
- **lumbricalis** Harris and Veatch
Geol. Sur. La. Rept., 1899, p. 296, pl. LI, fig. 3
Formation: Cretaceous
Location: Bienville parish, Louisiana
- **lumbricalis** (Gabb) Weller
Geol. Sur. N. J. Pal., vol. 4, 1907, p. 706, pl. LXXXI, figs. 1, 2
Formation: Cretaceous, Merchantville clay-marl, Woodbury clay
Location: New Jersey and Southern States
- **lumbricalis** (Gabb) Gardner
Maryland Geol. Sur., U. Cret., 1916, p. 485, no pl.
Formation: Cretaceous, Matawan, Ripley
Location: Delaware; Maryland; New Jersey; Mississippi
- Lecanites** (Mojsisovics) Smith
U. S. Geol. Sur. Prof. Paper 83, 1914, p. 65, no pl.
Formation: Triassic
- (Mojsisovics) Hyatt and Smith
U. S. Geol. Sur. Prof. Paper 40, 1905, p. 137, no pl.
Formation: Triassic
- **crassus** n. sp. Smith
U. S. Geol. Sur. Prof. Paper 83, 1914, p. 66, pl. LXXXIX, figs. 1, 2
Formation: Triassic
Location: West Humboldt range, Nevada
- **Knechti** n. sp. Hyatt and Smith
U. S. Geol. Sur. Prof. Paper 40, p. 138, pl. IX, 1905, figs. 11–16
Formation: Triassic

- Location: California
- **nudus** n. sp. Smith
U. S. Geol. Sur. Prof. Paper 83, 1914, p. 66, pl. XCVIII, figs. 8-12
Formation: Triassic
Location: West Humboldt range, Nevada
- **parvus** n. sp. Smith
U. S. Geol. Sur. Prof. Paper 83, 1914, p. 66, pl. XXX, figs. 25-27; pl. LXXXVIII, figs. 26-28
Formation: Triassic
Location: West Humboldt range, Nevada
- **vogdesi** n. sp. Hyatt and Smith
U. S. Geol. Sur. Prof. Paper 40, 1905, p. 139, pl. LX, figs. 12-22; pl. LXXV, figs. 10-13
Formation: Triassic
Location: Nevada
- **vogdesi** (Hyatt and Smith) Smith
Leland Stanford Junior Univ. Pub. 1914, pl. III, figs. 1-3
Formation: Middle Triassic
Location: Nevada
- **vogdesi** Hyatt and Smith
U. S. Geol. Sur. Prof. Paper 83, 1914, p. 67, figs. 12-22; pl. XII, figs. 10-13; pl. XXX, figs. 17-24; pl. LXXXVIII, figs. 24, 25
Formation: Triassic
Location: West Humboldt range, Nevada
- Leconteia** n. gen Hyatt and Smith
U. S. Geol. Sur. Prof. Paper 40, 1905, p. 35, no pl.
Formation: Triassic
- **californica** n. sp. Hyatt and Smith
U. S. Geol. Sur. Prof. Paper 40, 1905, p. 35, pl. XXIX, figs. 3-21
Formation: Triassic
Location: Shasta county, California
- **californica** (Hyatt and Smith) Smith
Leland Stanford Jr. Univ. Pub., 1914, pl. VI, figs. 11-15
Formation: Triassic
Location: California
- Leda cliffwoodensis** n. sp. Weller
Geol. Sur. N. J. Pal., vol. 4, 1907, p. 377, pl. XXIX, figs. 24, 25
Formation: Cretaceous, Cliffwood clay
Location: New Jersey
- **compressifrons** (Whitfield) Weller
Geol. Sur. N. J. Pal., vol. 4, 1907, p. 372, pl. XXIX, figs. 13-17
Formation: Cretaceous, Merchantville clay-marl
Location: New Jersey
- **gabbana** (Whitfield) Weller
Geol. Sur. N. J. Pal., vol. 4, 1907, p. 378, pl. XXIX, figs. 28-30
Formation: Cretaceous, Navesink marl
Location: Freehold, New Jersey
- **gabbi** (Conrad) = **Leda protexta** ? (Gabb) Stanton
U. S. Geol. Sur., 17th Ann. Rept., pt. 1, 1896, p. 1033, no pl.
Formation: Cretaceous, Tertiary transition
Location: California
- **glabra** n. sp. Stanton
U. S. Geol. Sur. Bull. 133, 1895, p. 53, pl. VI, fig. 15

- Formation: Cretaceous
Location: Tehama county, California
- *glabra* n. sp. Stanton
U. S. Geol. Sur. Bull. 133, 1896, p. 53, pl. VI, fig. 15, p. 100
Formation: Cretaceous, Knoxville beds
Location: California
- (?) *harveyi* n. sp. Hill
Wash. Biol. Soc. Proc., vol. 8, 1893, p. 25, pl. I, figs. 7, 8
Formation: Cretaceous, Glen Rose
Location: Glen Rose, Texas
- *lacryma* (Sowerby) Lundgren
Meddelelser om Grönland, vol. 19, 1895, p. 204, pl. IV, fig. 20
Formation: Jurassic
Location: Kap Stewart, east Greenland
- *mansfieldi* Stanton n. sp. Stanton and Vaughan
U. S. Geol. Sur. Prof. Paper 128-A, 1920, p. 20, pl. I, fig. 8
Formation: Cretaceous, Cannonball
Location: Lark, N. Dakota
- *marlboroensis* n. sp. Weller
Geol. Sur. N. J. Pal., vol. 4, 1907, p. 374, pl. XXIX, figs. 18-23
Formation: Cretaceous, Wenonah sand
Location: New Jersey
- ? *navicula* n. sp. Cragin
U. S. Geol. Sur., Bull. 266, 1905, p. 55, pl. VI, fig. 13
Formation: Jurassic
Location: Malone, Texas
- *pinnaformis* (Gabb) Weller
Geol. Sur. N. J. Pal., vol. 4, 1907, p. 373, pl. XXIX, fig. 27
Formation: Cretaceous, Woodbury clay
Location: New Jersey
- *protecta* (Gabb) Weller
Geol. Sur. N. J. Pal., vol. 4, 1907, p. 375, pl. XXIX, fig. 26
Formation: Cretaceous, Navesink marl
Location: New Jersey
- (*Phaenodesmia*) *regia* n. f. Kittl
Second Norwegian Arctic Exped., in the Fram, Rept., No. 7, 1907,
p. 31, pl. II, fig. 11
Formation: Triassic
Location: Hutinsel im Bayfjord
- *rostratruncata* n. sp. Gardner
Maryland Geol. Sur., U. Cret., p. 517, 1916, pl. XIX, figs. 8, 9
Formation: Cretaceous, Monmouth
Location: Maryland
- (*Schumacher*) Gardner
Maryland Geol. Sur., U. Cret., 1916, p. 515, no pl.
Formation: Cretaceous
Location: Maryland
- sp. Stanton and Hatcher
U. S. Geol. Sur. Bull. 257, p. 106
Formation: Cretaceous, Judith River beds
Location: Montana
- *tintonensis* n. sp. Weller
Geol. Sur. N. J. Pal., vol. 4, 1907, p. 379, pl. XXIX, figs. 31-34
Formation: Cretaceous, Tinton beds
Location: New Jersey

- **whitfieldi** n. sp. Gardner
Maryland Geol. Sur., U. Cret., 1916, p. 516, pl. XIX, figs. 10-12
Formation: Cretaceous, Monmouth, Matawan
Location: Maryland; New Jersey
- Legumen** (Conrad) Gardner
Maryland Geol. Sur., U. Cret., 1916, p. 683, no pl.
Formation: Cretaceous
Location: Maryland
- (?) **appressum** (Conrad) Herrick and Johnson
Denison Univ. Sci. Lab., Bull., vol. 11, art. 9, 1900, p. 208, no pl.
Formation: Cretaceous
Location: Rio Puerco Valley, New Mexico
- **carolinense** (Conrad) Gardner
Maryland Geol. Sur., U. Cret., 1916, p. 685, no pl.
Formation: Cretaceous, Matawan, Black Creek, Ripley
Location: Maryland; North and South Carolina; Alabama
- **planatum** (Conrad) Welier
Geol. Sur. N. J. Pal., vol. 4, 1907, p. 612, pl. LXIX, figs. 3-7
Formation: Cretaceous
Location: New Jersey; Alabama; Mississippi; Texas; Arkansas
- **planulatum** Harris and Veatch
Geol. Sur. La. Rept., 1899, p. 296, pl. LI, fig. 1
Formation: Cretaceous
Location: Bienville parish, Louisiana
- **planulatum** (Conrad) Gardner
Maryland Geol. Sur., U. Cret., p. 684, pl. XL, figs. 5-7
Formation: Cretaceous
Location: Southern United States
- sp. Stanton
U. S. Geol. Sur. Bull. 106, 1893, p. 107, pl. XXIV, fig. 11
Formation: Cretaceous
Location: Poison canyon, Colorado
- Leiocidaris hemigranosa** (Shum.) Cragin
Texas Geol. Sur., 4th Ann. Rept., 1893, p. 160, pl. XLVI, fig. 4
Formation: Cretaceous, Denton marl
Location: Denison, Texas
- **hemigranosus** (Shum.) Clark
U. S. Geol. Sur. Bull. 97, 1893, p. 38, pl. VII, figs. 2a-d; pl. VIII, figs. 1a-b; pl. IX, figs. 1a-c
Formation: Cretaceous, Washita
Location: Texas
- **hemigranosus** (Shumard) Clark and Twitchell
U. S. Geol. Sur., Mon. 54, 1915, p. 48, pl. X, figs. 1a-f; pl. XI, figs. 1a-b
Formation: Cretaceous
Location: Texas
- sp. Adkins
Univ. of Texas Bull. No. 1856, 1918, p. 101, no pl.
Formation: Cretaceous
Location: Gainesville, Texas
- **hemigranosus** (Shumard) Adkins and Winton
Univ. of Texas Bull. 1945, 1919, p. 49, pl. IX, fig. 6; pl. XX, fig. 3
Formation: Cretaceous, Denton marl

- Location: North Texas
Leioplacodes veterenus (Meek) Logan
 Kans. Univ. Quart., 1900, vol. 9, p. 132, pl. XXXI, fig. 5
 Formation: Jurassic
 Location: Freeze-out Hills, Wyoming
- Leiostraca cretacea** (Conrad) Weller
 Geol. Sur. N. J. Pal., vol. 4, 1907, p. 671, pl. LXXV, figs. 15-17
 Formation: Cretaceous
 Location: New Jersey
- **cretacea** Whitfield
 Geol. Sur. N. J., vol. 2, 1892, p. 150, pl. XIX, figs. 2-5
 Formation: Cretaceous, Lower Green Marls
 Location: New Jersey
- **cretacea** Whitfield
 U. S. Geol. Sur., Mon. 18, 1892, p. 150, pl. XIX, figs. 2-5
 Formation: Cretaceous, Lower Green Marls
 Location: Haddonfield, New Jersey
- Lepralia aspera** (Gabb and Horn) Weller
 Geol. Sur. N. J. Pal., vol. 4, 1907, p. 352, pl. XXVI, fig. 9
 Formation: Cretaceous, Vincentown limestone
 Location: New Jersey
- Leptarbacia argutus** (Clark) n. sp. Clark and Twitchell
 U. S. Geol. Sur., Mon. 54, 1915, p. 53, pl. XVI, figs. 1a-b
 Formation: Cretaceous, Washita
 Location: Fort Worth, Texas
- Leptophyllia agassizi** n. sp. Whiteaves
 Harv. Coll. Mus. Comp. Zool. Bull., vol. 34, p. 242, pl. XL, figs. 1-4
 Formation: Cretaceous, Blue Mountain Series
 Location: Solomon Mountain, Westmoreland Parish, Jamaica
- sp. No. 1, Vaughan
 U. S. Geol. Sur. Bull. 205, 1903, p. 39, pl. XXVII, figs. 9-11
 Formation: Cretaceous
 Location: Shoal Creek, Texas
- sp. No. 2, Vaughan
 U. S. Geol. Sur. Bull. 205, 1903, p. 39, pl. XXVII, figs. 7, 8
 Formation: Cretaceous
 Location: Shoal Creek, Texas
- Leptosolen** (Conrad) Gardner
 Maryland Geol. Sur., U. Cret., 1916, p. 703, no pl.
 Formation: Cretaceous
- **biplicata** (Conrad) Weller
 Geol. Sur. N. J. Pal., vol. 4, 1907, p. 624, pl. LXX, figs. 30, 31
 Formation: Cretaceous
 Location: New Jersey; Mississippi; Arkansas; Texas
- **biplicata** (Conrad) Gardner
 Maryland Geol. Sur., U. Cret., 1916, p. 703, pl. XLII, figs. 7, 8
 Formation: Cretaceous
 Location: Southern United States
- ? **elongata** n. sp. Weller
 Geol. Sur. N. J. Pal., vol. 4, 1907, p. 627, pl. LXX, figs. 27, 28
 Formation: Cretaceous
 Location: New Jersey

- *elongata* (Weller) Gardner
Maryland Geol. Sur., U.Cret., 1916, p. 705, no pl.
Formation: Cretaceous, Monmouth
Location: Maryland; New Jersey
- *otterensis* n. sp. Cragin
Amer. Geol., vol. 14, 1894, p. 8, pl. I, fig. 2
Formation: Cretaceous
Location: Belvidere, Kansas
- ? *terminalis* n. sp. Weller
Geol. Sur. N. J. Pal., vol. 4, 1907, p. 628, pl. LXX, fig. 29
Formation: Cretaceous, Merchantville clay-marl
Location: New Jersey
- Levifusus ? tormentarius* Stanton n. sp. Stanton and Vaughan
U. S. Geol. Sur. Prof. Paper 128-A, 1920, p. 41, pl. VIII, figs. 2a, b; 3
Formation: Cretaceous, Cannonball
Location: Cannonball River near Kayser, N. Dakota; Lemmon, S. Dakota
- Lichenopora papyracea* (d'Orbigny) Bassler
Maryland Geol. Sur., U. Cret., 1916, p. 739, pl. XLVI, fig. 13
Formation: Cretaceous, Rancocas
Location: Delaware
- *papyracea* (d'Orbigny) Weller
Geol. Sur. N. J. Pal., vol. 4, 1907, p. 327, pl. XXII, fig. 20
Formation: Cretaceous, Vincentown limesand
Location: Vincentown, New Jersey
- Lima* (Bruguiere) (Cuvier) Gardner
Maryland Geol. Sur., U. Cret., 1916, p. 600, no pl.
Formation: Cretaceous
Location: Maryland
- (*Plagiostoma*) *azteca* n. sp. Böse
Inst. Geol. de México, Bol. 24, 1906, p. 36, Lám. I, figs. 3, 4, 7
Formation: Cretaceous, Senonian
Location: Mexico
- ? *boreas* n. f. Kittl
Second Norwegian Exped., in the Fram, Rept. No. 7, 1907, p. 25, pl. II, figs. 1, 2
Formation: Triassic
Location: Hutinsel im Bayfjord
- (*Mantellum*) *bravoensis* n. sp. Böse
Inst. Geol. de México, Bol. 25, 1910, p. 88, Lám. XIV, figs. 4-6
Formation: Cretaceous, Vraconian
Location: Cerro de Muleros, Mexico
- *cardenasensis* n. sp. Böse
Inst. Geol. de México, Bol. 24, 1906, p. 34, Lám. I, figs. 1, 2
Formation: Cretaceous, Lower Senonian
Location: Near Cárdenas, Mexico
- (*Mantellum*) *coahuilensis* n. sp. Böse
Inst. Geol. de México, Bol. 30, 1913, p. 39, Lám. IV, figs. 3-11
Formation: Cretaceous; Senonian
Location: Coahuila, Mexico
- *cinnabarensis* n. sp. Stanton
U. S. Geol. Sur., Mon. 32, pt. 2, 1899, p. 612, pl. LXXII, fig. 8

- Formation: Jurassic, Ellis
 Location: Yellowstone National Park
- *duplicosta* (Sowerby) Madsen
 Meddelelser om Grönland, vol. 29, 1903, p. 176
 Formation: Jurassic
 Location: Dinosaurius River near Cape Stewart, Greenland
- *generosa* n. sp. Cragin
 Texas Geol. Sur., 4th Ann. Rept., 1893, p. 193, no pl.
 Formation: Cretaceous, Fort Worth limestone
 Location: Georgetown, Texas
- (*Plagiostoma*) *Hakoni* n. sp. Kittl
 Second Norwegian Arctic Exped., in the Fram, Rept., No. 7, 1907,
 p. 22, pl. II, fig. 4
 Formation: Triassic
 Location: Hutinsel im Bayfjord
- (*Plagiostoma*) *hatensis* n. f. Kittl
 Second Norwegian Expedition in the Fram, Rept. No. 7, 1907, p.
 24, pl. II, figs. 5, 6
 Formation: Triassic
 Location: Hutinsel im Bayfjord
- *interlineata* n. sp. Cragin
 U. S. Geol. Sur. Bull. 266, 1905, p. 43, pl. IV, figs. 5, 6
 Formation: Jurassic
 Location: Malone, Texas
- *lata* ? n. sp. Logan
 Kans. Univ. Quart., vol. 9, 1900, p. 121, pl. XXX, figs. 2, 3
 Formation: Jurassic
 Location: Wyoming, Freeze-out Hills
- *lorillardensis* n. sp. Weller
 Geol. Sur. N. J. Pal., vol. 4, 1907, p. 492, pl. LIV, figs. 5, 6
 Formation: Cretaceous, Woodbury clay
 Location: New Jersey
- (*Mantellum*) *mexicana* n. sp. Böse
 Inst. Geol. de México, Bol. 25, 1910, p. 92, Lám. XIV, figs. 14, 15
 Formation: Cretaceous, Lower Cenomanian
 Location: Cerro de Muleros, Mexico
- *monmouthensis* (Whitfield) Weller
 Geol. Sur. N. J. Pal., vol. 4, 1907, p. 494, pl. LIV, fig. 9
 Formation: Cretaceous, Wenonah sand
 Location: New Jersey
- *multilineata* n. sp. Stanton
 U. S. Geol. Sur., Bull. 133, 1895, p. 36, pl. II, figs. 4, 5
 Formation: Cretaceous
 Location: California
- *obliqua* n. sp. Gardner
 Maryland Geol. Sur., U. Cret., 1916, p. 603, pl. XXXIV, fig. 11
 Formation: Cretaceous, Monmouth
 Location: Maryland
- *pelagica* Harris and Veatch
 Geol. Sur. La. Rept., 1899, p. 294, pl. XLIX, fig. 5
 Formation: Cretaceous
 Location: Bienville parish, Louisiana
- *pelagica* (Morton) Weller
 Geol. Sur. N. J. Pal., vol. 4, 1907, p. 489, pl. LIV, fig. 7

- Formation: Cretaceous, Navesink marl
Location: New Jersey
- *reticulata* (Lyell and Forbes) Weller
Geol. Sur. N. J. Pal., vol. 4, 1907, p. 492, pl. LIV, figs. 3, 4
Formation: Cretaceous
Location: New Jersey
- *reticulata* (Forbes) Gardner
Maryland Geol. Sur., U. Cret., 1916, p. 600, pl. XXXIV, figs. 12, 13
Formation: Cretaceous
Location: Southern United States
- (*Ctenostreon*) *riograndensis* n. sp. Cragin
U. S. Geol. Sur. Bull. 266, 1905, p. 44, pl. V, fig. 4
Formation: Jurassic
Location: Malone, Texas
- *semilaevis* n. sp. Cragin
Texas Geol. Sur., 4th Ann. Rept., 1893, p. 194, no pl.
Formation: Cretaceous, Denton Marl
Location: Cooke county, Texas
- *serrata* n. sp. Gardner
Maryland Geol. Sur., U. Cret., 1916, p. 602, pl. XXXIV, figs. 14, 15
Formation: Cretaceous, Monmouth
Location: Maryland
- *shumardi* n. sp. Shattuck
U. S. Geol. Sur. Bull. 205, 1903, p. 17, pl. V, fig. 11
Formation: Cretaceous
Location: Austin, Texas
- *species* undt. Weller
Geol. Sur. N. J. Pal., vol. 4, 1907, p. 494, no pl.
Formation: Cretaceous, Navesink marl
Location: New Jersey
- sp. indt. Whiteaves
Can. Geol. Sur., Mesozoic Fossils, vol. 1, pt. 5, 1903, p. 400, no pl.
Formation: Cretaceous
Location: Vancouver Islands
- sp. Lundgren
Meddelelser om Grönland, vol. 19, 1895, p. 198
Formation: Jurassic
Location: Kap Stewart, east Greenland
- sp. Madsen
Meddelelser om Grönland, vol. 29, 1903, p. 176
Formation: Jurassic
Location: Mount Nathorst, Greenland
- sp. Shattuck
U. S. Geol. Sur. Bull. 205, 1903, p. 18, pl. V, fig. 9
Formation: Cretaceous, Buda
Location: Texas
- *suciensis* n. sp. Whiteaves
Can. Geol. Sur., Mesozoic Fossils, vol. 1, pt. 5, 1903, p. 399, pl. LI, fig. 2
Formation: Cretaceous
Location: Vancouver Islands
- *utahensis* n. sp. Stanton
U. S. Geol. Sur. Bull. 106, 1893, p. 71, pl. IX, fig. 5
Formation: Cretaceous

- Location: Utah; Upper Kanab valley
- *utahensis* Stanton Shimer and Blodgett
Amer. Jour. Sci., 4th ser., vol. 25, 1908, p. 63
Formation: Cretaceous, Fort Benton
Location: New Mexico
- *utahensis* (Stanton) Herrick and Johnson
Denison Univ. Sci. Lab. Bull., vol. 11, art. 9, 1900, pl. XXXVI, fig. 5, (no description)
Formation: Cretaceous
Location: New Mexico
- *wacoensis* (Roemer) Shattuck
U. S. Geol. Sur. Bull. 205, 1903, p. 18, pl. V, fig. 10
Formation: Cretaceous, Buda sandstone
Location: Texas
- (*Mantellum*) *wacoensis* (Roemer) Böse
Inst. Geol. de México, Bol. 25, p. 90, lám. XIV, 1910, figs. 7-13
Formation: Cretaceous, Lower Cenomanian
Location: Cerro de Muleros, Mexico
- *wacoensis* (Roemer) Adkins and Winton
Univ. of Texas Bull. 1945, 1919, p. 72, pl. XVII, figs. 7-9
Formation: Cretaceous, Fredericksburg to Buda
Location: Texas
- *whitfieldi* n. sp. Weller
Geol. Sur. N. J. Pal., vol. 4, 1907, p. 491, pl. LIV, fig. 8
Formation: Cretaceous
Location: New Jersey
- sp. indt. Whiteaves
Geol. Sur. Can., Mesozoic Fossils, vol. 1, pt. 5, 1903, p. 400, no pl.
Formation: Cretaceous
Location: Vancouver Islands
- Limaea duplicata* (Sowerby) Lundgren
Meddelelser om Grönland, vol. 19, 1895, p. 198, pl. III, fig. 6
Formation: Jurassic
Location: Kap Stewart, east Greenland
- Limnaea intidula* (Meek) White
U. S. Geol. Sur. Bull. 128, 1895, p. 45, pl. VI, figs. 1, 2, 3
Formation: Cretaceous
Location: Montana
- Limopsis subimbricatus* n. sp. Cragin
Amer. Geol., vol. 14, 1894, p. 4, pl. I, figs. 6-8
Formation: Cretaceous, Neocomian
Location: Belvidere, Kansas
- Lindigia* (?) *nodosum* n. sp. Anderson
Cal. Acad. Sci. Proc., 3d ser. Geol., vol. 2, No. 1, 1902, p. 92, no pl.
Formation: Cretaceous
Location: Shasta county, California
- Linearia* (Conrad) Gardner
Maryland Geol. Sur., U. Cret., 1916, p. 698, no pl.
Formation: Cretaceous
- *contracta* (Whitfield) Weller
Geol. Sur. N. J. Pal., vol. 4, 1907, p. 620, pl. LXX, fig. 13
Formation: Cretaceous, Navesink marl
Location: New Jersey
- *metastriata* Harris and Veatch

- Geol. Sur. La. Rept., 1899, p. 296, pl. I, fig. 7
 Formation: Cretaceous
 Location: Bienville parish, Louisiana
- *metastriata* (Conrad) Weller
 Geol. Sur. N. J. Pal., vol. 4, 1907, p. 618, pl. LXX, figs. 8, 9
 Formation: Cretaceous
 Location: New Jersey; Arkansas
- *metastriata* (Conrad) Gardner
 Maryland Geol. Sur., U. Cret., 1916, p. 699, no pl.
 Formation: Cretaceous
 Location: Southern States
- *ornatissima* n. sp. Weller
 Geol. Sur. N. J. Pal., vol. 4, 1907, p. 619, pl. LXX, figs. 10-12
 Formation: Cretaceous, Woodbury clay
 Location: New Jersey
- Lingula shumardi* n. sp. Cragin
 Texas Geol. Sur., 4th Ann. Rept., 1893, p. 166, no pl.
 Formation: Cretaceous
 Location: Texas
- sp. Lundgren
 Meddelelser om Grönland, vol. 19, 1895, p. 193, pl. III, fig. 1
 Formation: Jurassic
 Location: Kap Stewart, east Greenland
- *subspatulata* (Hall and Meek) Stanton
 U. S. Geol. Sur. Mon. 32, pt. 2, 1899, p. 636, no pl.
 Formation: Cretaceous
 Location: Yellowstone National Park; Wyoming; Utah
- *subspatulata* (Hall and Meek) Johnson
 School of Mines Quart., vol. 24, No. 2, Jan. 1903, p. 185, pl. I, figs. 11, a-b
 Formation: Cretaceous
 Location: New Mexico
- *subspatulata* (Hall and Meek) Johnson
 Columbia Univ. Contr. Geol. Dept., Vol. X, No. 90, 1903, p. 113, pl. I, figs. 11a, b
 Formation: Cretaceous, Ft. Pierre
 Location: Santa Rosa Mt., New Mexico
- *subspatulata* (Hall and Meek) Weller
 Geol. Sur. N. J. Pal., vol. 4, 1907, p. 356, pl. XXVII, figs. 20, 21
 Formation: Cretaceous, Woodbury clay
 Location: New Jersey
- Lingulina carinata* (d'Orbigny) Bagge
 U. S. Geol. Sur. Bull. 88, 1898, p. 46, no pl.
 Formation: Cretaceous
 Location: New Jersey
- *carinata* (d'Orbigny) Woodward
 New York Microscopical Soc. Journ., vol. X, No. 4, 1894, p. 113
 Formation: Cretaceous
 Location: Timber Creek, New Jersey
- *carinata* (d'Orbigny) Weller
 Geol. Sur. N. J. Pal., vol. 4, 1907, p. 224, pl. II, figs. 25, 26
 Formation: Cretaceous, Vincentown limesand
 Location: Vincentown, New Jersey
- Linthia* (Merian) Slocum

- Field Col. Mus. Nat. Hist., Geol. Ser., Pub. 134, vol. 4, No. 1, 1909,
p. 11, no pl.
Formation: Cretaceous to Recent
- *tumidula* (Clark) Clark
U. S. Geol. Sur. Bull. 97, 1893, p. 91, pl. I, figs. 1a-i
Formation: Cretaceous
Location: New Jersey
- *tumidula* (Clark) Weller
Geol. Sur. N. J. Pal., vol. 4, 1907, p. 304, pl. XVIII, figs. 1-9
Formation: Cretaceous, Vincentown limesand
Location: Timber Creek, New Jersey
- *tumidula* (Clark) Clark and Twitchell
U. S. Geol. Sur., Mon. 54, 1915, p. 99, pl. LIII, figs. 1a-i
Formation: Cretaceous, Rancocas
Location: New Jersey
- *variabilis* n. sp. Slocom
Field Col. Mus. Nat. Hist. Pub. 134, 1909, vol. 4, No. 1, Geol. Ser.,
p. 12, pl. III, figs. 1-11
Formation: Cretaceous, Ripley
Location: Mississippi
- *variabilis* (Slocom) Clark and Twitchell
U. S. Geol. Sur. Mon. 54, 1915, p. 99, pl. LIV, figs. 1a-l
Formation: Cretaceous, Ripley
Location: Mississippi
- Liopoplum* (Dall) Gardner
Maryland Geol. Sur., U. Cret., 1916, p. 429, no pl.
Formation: Cretaceous
- *cretaceum* (Conrad) Gardner
Maryland Geol. Sur., U. Cret., 1916, p. 431, pl. XV, fig. 5
Formation: Cretaceous
Location: Maryland; Mississippi
- *leioderium* (Dall) Gardner
Maryland Geol. Sur., U. Cret., 1916, p. 430, no pl.
Formation: Cretaceous
Location: Maryland; Mississippi
- Linoparus atavus* n. sp. Ortmann
Amer. Journ. Sci., 4th ser., vol. 4, p. 293, figs. 1, 2, 3
Formation: Cretaceous, Niobrara
Location: Cotton-Wood creek, Mead Co., S. Dakota
- *canadensis* (Whiteaves) Whiteaves
Can. Geol. Sur., Mesozoic Fossils, vol. 1, pt. 5, 1903, p. 325, pl.
XLI, fig. 1
Formation: Cretaceous, Alberta
Location: Vancouver Islands
- *vancouverensis* (Whiteaves) Whiteaves
Can. Geol. Sur., Mesozoic Fossils, vol. 1, pt. 5, 1903, p. 323, pl.
XL, figs. 1, 2, 3
Formation: Cretaceous
Location: Hornby Island; Vancouver Island
- Linoparis* (Podocrates) *Canadensis* (Whiteaves) Woodward
Geol. Mag. n. s. decade 4, vol. 7, 1900, p. 396
Formation: Upper Cretaceous
Location: Hornby Island, British Columbia
- (Podocrates) *Vancouverensis* (Whiteaves) Woodward

- Geol. Mag. n. s. decade 4, vol. 7, 1900, p. 394, pl. XV, figs. 1-3
Formation: Upper Cretaceous
Location: Comax River, Hornby Island
- **monmouthense** n. sp. Gardner
Maryland Geol. Sur., U. Cret., 1916, p. 432, pl. XV, figs. 6, 7
Formation: Cretaceous, Monmouth
Location: Maryland
- Liopstha alternata** n. sp. Weller
Geol. Sur. N. J. Pal., vol. 4, 1907, p. 527, pl. LVIII, figs. 7-9
Formation: Cretaceous, Merchantville clay-marl
Location: New Jersey
- Liopistha** (Meek) Gardner
Maryland Geol. Sur., U. Cret., 1916, p. 635, no pl.
Formation: Cretaceous
Location: Maryland
- **alternata** (Weller) Gardner
Maryland Geol. Sur., U. Cret., 1916, p. 637, no pl.
Formation: Cretaceous, Matawan, Eutaw
Location: Delaware; New Jersey; Georgia; Alabama
- (**Psilomya concentrica** n. sp. Stanton
U. S. Geol. Sur. Bull. 106, 1893, p. 119, pl. XXVI, figs. 8-10
Formation: Cretaceous
Location: Colorado
- **concentrica** (Stanton) Herrick and Johnson
Denison Univ. Sci. Lab. Bull., vol. 11, art. 9, 1900, p. 208, pl. XXXIII, fig. 5; pl. XLI, figs. 8-10
Formation: Cretaceous
Location: New Mexico
- (**Psilomya elongata** n. sp. Stanton
U. S. Geol. Sur. Bull. 106, 1893, p. 119, pl. XXVI, figs. 11, 12
Formation: Cretaceous
Location: Upper Kanab valley, Utah
- (**Psilomya elongata** (Stanton) Herrick and Johnson
Denison Univ. Sci. Lab. Bull., vol. 11, art. 9, 1900, pl. XLI, figs. 11, 12
Formation: Cretaceous
Location: New Mexico
- **elongata** (Stanton) Herrick and Johnson
Denison Univ. Sci. Lab. Bull., vol. 11, art. 9, 1900, p. 208, pl. XXXIII, fig. 5
Formation: Cretaceous
Location: Rio Puerco valley, New Mexico
- **kümmeli** n. sp. Weller
Geol. Sur. N. J. Pal., vol. 4, 1907, p. 529, pl. LVIII, fig. 3
Formation: Cretaceous, Merchantville clay marl
Location: New Jersey
- **protexta** (Conrad) Gardner
Maryland Geol. Sur., U. Cret., 1916, p. 636, pl. XXXVI, fig. 15
Formation: Cretaceous
Location: Southern States
- (**Psilomya meeki** (White) Stanton
U. S. Geol. Sur. Bull. 106, 1893, p. 118, pl. XXVI, figs. 5-7
Formation: Cretaceous
Location: Utah

- (*Psilomya*) *meeki* (White) Herrick and Johnson
Denison Univ. Sci. Lab. Bull., vol. 11, art. 9, 1900, pl. XLI, figs. 5-7, (no description)
Formation: Cretaceous
Location: Near Albuquerque, New Mexico
- *protexta* (Meek) Weller
Geol. Sur. N. J. Pal., vol. 4, 1907, p. 526, pl. LVIII, figs. 4-6
Formation: Cretaceous, Wenonah sand, Navesink marl
Location: New Jersey; Alabama; Arkansas; Texas
- (*Cymella*) *undata* (Meek and Hayden) Stanton and Hatcher
U. S. Geol. Sur. Bull. 257, 1905, p. 112, no pl.
Formation: Cretaceous
Location: Montana
- Lioplax* ? *endlichi* (White) White
U. S. Geol. Sur. Bull. 128, 1895, p. 60, pl. X, figs. 4, 5
Formation: Cretaceous, Bear river
Location: Montana
- Lirofusus* — *Serrifusus*
- Liroscapha squamosa* (Conrad) Weller
Geol. Sur. N. J. Pal., vol. 4, 1907, p. 489, pl. LII, figs. 6, 7
Formation: Cretaceous
Location: New Jersey
- Lirosoma cretacea* n. sp. Wade
Phila. Acad. Nat. Sci. Proc., vol. 69, 1917, p. 288, pl. XVIII, figs. 5, 6
Formation: Upper Cretaceous, Ripley
Location: Coon Creek, McNairy Co., Tenn.
- Lispodesthes nuptialis* (White) Herrick and Johnson
Denison Univ. Sci. Lab. Bull., vol. 11, art. 9, 1900, pl. XLIII, figs. 5, 6, (no description)
Formation: Cretaceous
Location: New Mexico
- *nuptialis* (White) Stanton
U. S. Geol. Sur. Bull. 106, 1893, p. 147, pl. XXXI, figs. 5, 6
Formation: Cretaceous
Location: Arizona; New Mexico
- Lithodomus nitidus* n. sp. Whiteaves
Can. Geol. Sur., Mesozoic Fossils, vol. 1, pt. 5, 1903, p. 395, pl. XLVIII, fig. 3
Formation: Cretaceous
Location: Vancouver Islands
- Lithophaga* (Bolten) Gardner
Maryland Geol. Sur., U. Cret., 1916, p. 617, no pl.
Formation: Cretaceous
Location: Maryland
- *conchafodentis* n. sp. Gradner
Maryland Geol. Sur., U. Cret., 1916, p. 619, pl. XXXVI, figs. 7-9
Formation: Cretaceous, Monmouth
Location: Maryland
- *juliae* (Lea) Gardner
Maryland Geol. Sur., U. Cret., 1916, p. 620, pl. XXXVI, figs. 10, 11
Formation: Cretaceous
Location: Maryland; New Jersey
- *lingua* n. sp. Gardner

- Maryland Geol. Sur., U. Cret., 1916, p. 621, pl. XXXVI, fig. 14
 Formation: Cretaceous, Monmouth
 Location: Maryland
- **ripleyana** (Gabb) Gardner
 Maryland Geol. Sur., U. Cret., 1916, p. 618, pl. XXXVI, figs. 4-6
 Formation: Cretaceous
 Location: Delaware; Maryland; New Jersey; Mississippi
- **ripleyana** (Gabb) Weller
 Geol. Sur. N. J. Pal., vol. 4, 1907, p. 512, pl. LVI, figs. 9-12
 Formation: Cretaceous
 Location: New Jersey
- **twitchelli** n. sp. Gardner
 Maryland Geol. Sur., U. Cret., 1916, p. 622, pl. XXXVI, figs. 12, 13
 Formation: Cretaceous, Monmouth
 Location: Maryland
- Litoceras potosina** n. sp. Aguilera
 Com. Geol. de México, Bol. 1, 1895, p. 16, Lám. IX, fig. 2
 Formation: Jurassic
 Location: San Luis Potosi, Mexico
- Littorina subobesa** n. sp. Cooper
 Cal. Acad. Sci. Proc., vol. 6, 1896, p. 331, pl. XLVII, figs. 3, 4
 Formation: Cretaceous
 Location: Shasta county, California
- Longaeviceras** (Buckman) Reeside
 U. S. Geol. Sur. Prof. Paper 118, 1919, p. 14
 Formation: Jurassic
- Longobardites** (Mojsisovics) Hyatt and Smith
 U. S. Geol. Sur. Prof. Paper 40, 1905, p. 132, no pl.
- **nevadanus** n. sp. Hyatt and Smith
 U. S. Geol. Sur. Prof. Paper 40, 1905, p. 132, pl. XXV, figs. 13-18;
 pl. LVIII, figs. 16-20; pl. LXXV, figs. 6-9
 Formation: Triassic
 Location: California
- **nevadenus** (Hyatt and Smith) Smith
 Leland Stanford Jr. Univ. Pub. 1914, pl. IX, figs. 14-16
 Formation: Triassic
 Location: Nevada
- **nevadanus** Hyatt and Smith
 U. S. Geol. Sur. Prof. Paper 83, 1914, p. 50, pl. VI, figs. 13-18; pl.
 VIII, figs. 16-20; pl. XI, figs. 6-9; pl. XXX, figs. 13-16
 Formation: Triassic
 Location: Desatoya mountains, Nevada
- Lucina cedrensis** Stanton n. sp. Stanton and Vaughan
 U. S. Geol. Sur. Prof. Paper 128-A, 1920, p. 30, pl. III, figs. 10, 11
 Formation: Cretaceous, Cannonball
 Location: Cedar River, Pretty Rock, N. Dakota
- **coctol** n. sp. Aguilera
 Com. Geol. de México, Bol. 1, 1895, p. 7, Lám. V, figs. 1, 2
 Formation: Jurassic
 Location: Sierra de Catorce, Mexico
- **colusaensis** n. sp. Stanton
 U. S. Geol. Sur. Bull. 133, 1895, p. 60, pl. XI, figs. 4, 5
 Formation: Cretaceous
 Location: California

- *cretacea* (Whitfield) Weller
Geol. Sur. N. J. Pal., vol. 4, 1907, p. 570, pl. LXII, fig. 18
Formation: Cretaceous
Location: New Jersey
- ? *emarginata* n. sp. Cragin
U. S. Geol. Sur., Bull. 266, 1905, p. 74, pl. XIII, figs. 1, 2
Formation: Jurassic
Location: Malone, Texas
- *juvenis* n. sp. Stanton
U. S. Geol. Sur. Bull. 106, 1893, p. 98, pl. XXII, figs. 2-4
Formation: Cretaceous, Pugnellus sandstone
Location: Colorado
- *occidentalis* (Morton) Gilbert
U. S. Geol. Sur., 17th Ann. Rept., pt. 2, 1895-96, pl. LXVI
Formation: Cretaceous
Location: East Colorado
- *occidentalis* (Morton) Logan
Kan. Univ. Geol. Sur., vol. 4, 1898, p. 507, pl. CVII, fig. 3
Formation: Cretaceous
Location: Kansas
- *ovalis* n. sp. Stanton
U. S. Geol. Sur. Bull. 133, 1895, p. 59, pl. XII, fig. 1
Formation: Cretaceous
Location: Tehama county, California
- *planiuscula* n. sp. Cragin
U. S. Geol. Sur. Bull. 266, 1905, p. 75, pl. XIII, fig. 3
Formation: Jurassic
Location: Malone, Texas
- *potosina* n. sp. Aguilera
Com. Geol. de México, Bol. 1, 1895, p. 6, Lám. IV, figs. 2, 3, 6;
Lám. V, figs. 11-14
Formation: Jurassic
Location: Sierra de catorce, San Luis Potosi, Mexico
- *potosina* (Castillo and Aguilera) Cragin
U. S. Geol. Sur. Bull. 266, 1905, p. 72, pl. XIII, figs. 4, 5
Formation: Jurassic
Location: Malone, Texas
- *potosina* var. *metrica* n. var. Cragin
U. S. Geol. Sur. Bull. 266, 1905, p. 73, pl. XIII, figs. 6-10
Formation: Jurassic
Location: Malone, Texas
- *substriata* (Roemer) Ravn
Meddelelser om Grönland, vol. 45, 1911, p. 476
Formation: Jurassic
Location: "Kloft II" and "4 Saenkning," Store Koldewey Island, Greenland
- *substriata* (Roemer ?) Ravn
Copenhagen Univ. Min. and Geol. Mus. Comm. Paleont. No. 10, 1911, p. 476
Formation: Jurassic
Location: "Kloft II," "4 Saenkning," Store Koldewey Island
- *subundata* (H. & M.) Stanton
U. S. Geol. Sur. Bull. 106, 1893, p. 97, pl. XXII, figs. 5, 6
Formation: Cretaceous, Fort Pierre shale

- Location: Utah
- *cf. subundata* (H. & M.) Shimer and Blodgett
Amer. Jour. Sci., 4th ser., vol. 25, 1908, p. 63
Formation: Cretaceous, Fort Benton or Niobrara
Location: New Jersey
 - *swedenborgensis* n. sp. Weller
Geol. Sur. N. J. Pal., vol. 4, 1907, p. 571, pl. LXII, figs. 19-21
Formation: Cretaceous, Marshalltown clay marl
Location: New Jersey; Mississippi
 - Lunatia concinna*** (Hall and Meek) sp. Stanton
U. S. Geol. Sur. Bull. 106, 1893, p. 134, pl. XXIX, figs. 9, 10
Formation: Cretaceous
Location: Utah
 - *concinna* (H. & H.) Shimer and Blodgett
Amer. Jour. Sci., 4th ser., vol. 25, 1908, p. 65
Formation: Cretaceous, Fort Benton
Location: New Mexico
 - *halli* (Gabb) Whitfield
Geol. Sur. N. J., vol. 2, 1892, p. 175, pl. XXI, figs. 10, 11
Formation: Cretaceous, Middle Green Marls
Location: New Jersey
 - *halli* (Gabb) Whitfield
Geol. Sur. N. J., vol. 2, 1892, p. 130, pl. XV, figs. 13-16
Formation: Cretaceous, Lower Green Marls
Location: New Jersey
 - *halli* (Gabb) Whitfield
U. S. Geol. Sur. Mon. 18, 1892, p. 130, 175, pl. XXI, figs. 10, 11;
pl. XV, figs. 13-16
Formation: Cretaceous, Middle Green Marls
Location: Timber creek, New Jersey
 - *halli* (Gabb) Weller
Geol. Sur. N. J. Pal., vol. 4, 1907, p. 677, pl. LXXXVI, figs. 9-19
Formation: Cretaceous, Merchantville clay marl, Wenonah sand,
Navesink marl
Location: New Jersey; Alabama; Mississippi
 - *obliquata* (Hall and Meek) Stanton and Vaughan
U. S. Geol. Sur. Prof. Paper, No. 128-A, 1920, p. 35, pl. VI, figs.
10a, b
Formation: Cretaceous, Cannonball
Location: Kayser and Pretty Rock, N. Dakota; Lemmon, S.
Dakota
 - *pauperata* (Whitfield) Weller
Geol. Sur. N. J. Pal., vol. 4, 1907, p. 680, pl. LXXXVI, figs. 20-23
Formation: Cretaceous, Navesink marl
Location: New Jersey
 - *shumardiana* (Gabb) Whiteaves
Geol. Sur. Can., Mesozoic Fossils, vol. 1, pt. 5, 1903, p. 365, no pl.
Formation: Cretaceous
Location: Vancouver Islands
 - sp. Adkins
Univ. of Texas Bull. No. 1856, p. 140, pl. X, fig. 38
Formation: Cretaceous, Weno
Location: Gainesville, Texas

- *sp. Stanton and Hatcher*
U. S. Geol. Sur. Bull. 257, 1905, p. 113, no pl.
Formation: Cretaceous, Judith river beds
Location: Montana
- *subcrassa* (Meek and Hayden) Stanton and Vaughan
U. S. Geol. Sur. Prof. Paper 128-A, 1920, p. 36, pl. VI, figs. 11a, b
Formation: Cretaceous, Cannonball
Location: Judith, Montana; Almont, N. Dakota
- *Lyonisia subaequilateralis* n. sp. Lundgren
Meddelelser om Grönland, vol. 19, 1895, p. 20, pl. V, figs. 29a, b, c
Formation: Jurassic
Location: Kap Stewart, east Greenland
- *Lysis suciensis* (Whiteaves) Whiteaves
Can. Geol. Sur., Mesozoic Fossils, vol. 1, pt. 5, 1903, p. 367, pl. XLV, fig. 3
Formation: Cretaceous
Location: Sucia Islands
- *suciensis* var. *carinifer* Whiteaves
Can. Geol. Sur., Mesozoic Fossils, vol. 1, pt. 5, 1903, p. 367, pl. XLV, fig. 4
Formation: Cretaceous
Location: Texada Island
- *Lysoma powelli* (White) Stanton
U. S. Geol. Sur. Mon. 32, pt. 2, 1899, p. 630, no pl.
Formation: Jurassic
Location: Yellowstone National Park
- *Lytoceras* (Suess) Smith
Cal. Acad. Sci. Proc., 3d ser. Geol. 1898, vol. 1, p. 136, no pl.
Formation: Mesozoic
- *alamedense* n. sp. Smith
Cal. Acad. Sci. Proc., 3d ser. Geol., vol. 1, 1898, p. 136, pl. XVI; XVIII
Formation: Cretaceous, Upper Horsetown
Location: California
- *alamedense* (Smith) Smith
Leland Stanford Jr. Univ. Pub., 1914, pl. XIII, figs. 10-15
Formation: Cretaceous
Location: California
- (*Gabbioceras*) *angulatum* n. sp. Anderson
Cal. Acad. Sci. Proc., 3d ser. Geol., vol. 2, No. 1, 1902, p. 87, pl. VI, fig. 139
Formation: Cretaceous
Location: California
- *argonautaurum* n. sp. Anderson
Cal. Acad. Sci. Proc., 3d ser. Geol., vol. 2, No. 1, 1902, p. 85, pl. VII, figs. 154, 155
Formation: Cretaceous
Location: California
- *batesi* (Trask) Stanton
U. S. Geol. Sur. Bull. 133, 1895, p. 75, pl. XIII, figs. 9-11
Formation: Cretaceous, Lower Horsetown beds
Location: Paskenta, California
- *batesi* (Trask) sp. Whiteaves

- Can. Geol. Sur., Mesozoic Fossils, vol. 1, pt. 4, 1900, p. 270, no pl.
 Formation: Cretaceous, Lower Shales
 Location: Maud Island; Lina Island
- **batesi** (Trask) (Gabb) Anderson
 Cal. Acad. Sci. Proc., 3d ser. Geol., vol. 2, 1902, p. 84, no pl.
 Formation: Cretaceous
 Location: California
- (**Tetragonites**) **cala** (?) (Forbes) (Stoliczka) Anderson
 Cal. Acad. Sci. Proc., 3d ser. Geol., vol. 2, 1902, p. 84, no pl.
 Formation: Cretaceous
 Location: California
- (**Gaudryceras**) **denmanense** n. sp. Whiteaves
 Ottawa Nat., vol. 15, 1901, p. 31
 Formation: Cretaceous
 Location: Denman Island
- rel. **duvalianum** (d'Orbigny) Anderson
 Cal. Acad. Sci. Proc., 3d ser. Geol., vol. 2, No. 1, 1902, p. 81, pl. VI, figs. 140-143
 Formation: Cretaceous, Horsetown
 Location: Shasta county, California
- (**Gaudryceras**) **havei** (Forbes) Anderson
 Cal. Acad. Sci. Proc., 3d ser. Geol., vol. 2, No. 1, 1902, p. 83
 Formation: Cretaceous
 Location: Mount Diablo, California
- (**Tetragonites**) **jacksonense** n. sp. Anderson
 Cal. Acad. Sci. Proc., 3d ser. Geol., vol. 2, No. 1, 1902, p. 82, pl. V, figs. 124, 125
 Formation: Cretaceous
 Location: Oregon
- **Jukesii** (Sharpe) Whiteaves
 Can. Roy. Soc. Pro. and Trans., 2d ser., vol. 1, sec. 4, 1895, p. 129, pl. II, figs. 1, 2
 Formation: Cretaceous
 Location: Norris Rock south of Hornby Island, Vancouver.
 This species name was later changed by Whiteaves to *L. denmanense*
- **polare** n. sp. Ravn
 Meddelelser om Grönland, vol. 45, 1911, p. 485, pl. XXXV, fig. 9
 Formation: Cretaceous
 Location: Vesterdalen, Danmarks, Havn, Greenland
- **polare** n. sp. Ravn
 Copenhagen Univ. Min. and Geol. Mus. Comm. Paleont. No. 10, 1911, p. 485, pl. XXXV, fig. 9
 Formation: Cretaceous
 Location: Vesterdalen, Danmarks, Havn, Greenland
- (**Gaudryceras**) **Sacya** (Forbes) Whiteaves
 Can. Geol. Sur., Mesozoic Fossils, vol. 1, pt. 4, 1900, p. 270
 Formation: Cretaceous
 Location: Maple Island, Skidegate Inlet, Cumshewa Inlet, Queen Charlotte Islands
- (**Gaudryceras**) **Sacya** (Forbes) Anderson
 Cal. Acad. Sci. Proc., 3d ser. Geol., vol. 2, No. 1, 1902, p. 82
 Formation: Cretaceous, Chico beds
 Location: California
- sp. ind. Burckhardt

- Inst. Geol. de México, Bol. 23, 1906, p. 9, Lám. IV, figs. 1, 2
Formation: Jurassic, Kimeridgian
Location: Mazapil, Mexico
- (**Tetraganites**) **timothenum** (Mayor sp.) Whiteaves
Geol. Sur. Can. Mesozoic Fossils, vol. 1, pt. 4, 5, 1900-1903, p. 271, 329, no pl.
Formation: Cretaceous
Location: Vancouver Islands
- Lytoceratidae** Hyatt and Smith
U. S. Geol. Sur. Prof. Paper 40, 1905, p. 93, no pl.
- Lytoceratoidea** Hyatt and Smith
U. S. Geol. Sur. Prof. Paper 40, 1905, p. 92, no pl.
- Macraster** cfr. **texanus** (Roem.) Böse
Inst. Geol. de México, Bol. 25, 1910, p. 172, Lám. XLVII, fig. 5;
Lám. XLVIII, figs. 3, 5
Formation: Cretaceous, Vraconian
Location: Cerro Muleros, Mexico
- Macrocephalites** **epigonus** n. sp. Burckhardt
Inst. Geol. de México, Bol. 23, 1906, p. 20, Lám. III, figs. 6-11
Formation: Jurassic, Kimeridgian
Location: Mazapil, Mexico
- **Ishmae** (Keyserling) Madsen
Meddelelser om Grönland, vol. 29, 1903, p. 191, pl. VIII, figs. 7, 8, 9
Formation: Jurassic
Location: Vardekløft, Greenland
- **Pompeckji** n. sp. Madsen
Meddelelser om Grönland, vol. 29, 1903, p. 189, pl. VIII, figs. 5, 6
Formation: Jurassic
Location: Ammonite Mountain, Hurry's Inlet, Greenland
- sp. cf. **compressus** (Quenstedt) Madsen
Meddelelser om Grönland, vol. 29, 1903, p. 192, fig. 1
Formation: Jurassic
Location: Vardekløft, Greenland
- Macrodon** **Hagenii** n. sp. Ravn
Meddelelser om Grönland, vol. 45, 1911, p. 470, pl. XXXIV, figs. 3, 4
Formation: Jurassic
Location: Store Koldewey Island
- **Hagenii** n. sp. Ravn
Copenhagen Univ. Min. and Geol. Mus. Comm. Paleont. No. 10, 1911, p. 470, pl. XXXIV, figs. 3, 4
Formation: Jurassic
Location: Store Koldewey Island
- **Keyserlingii** (d'Orbigny) Ravn
Meddelelser om Grönland, vol. 45, 1911, p. 469
Formation: Jurassic
Location: "Kloft II" and "4 Saenkning," Store Koldewey Island
- **Keyserlingii** (d'Orbigny) sp. Ravn
Copenhagen Univ. Min. and Geol. Mus. Comm. Paleont. No. 10, 1911, p. 469
Formation: Jurassic
Location: "Kloft II," "4 Saenkning," Store Koldewey Island
- **Mylli** n. sp. Ravn

- Meddelelser om Grönland, vol. 45, 1911, p. 470, pl. XXXIV, fig. 1
 Formation: Jurassic
 Location: Store Koldewey Island, Greenland
- *Mylii* n. sp. Ravn
 Copenhagen Univ. Min. and Geol. Mus. Comm. Paleont. No. 10,
 1911, p. 470, pl. XXXIV, fig. 1
 Formation: Jurassic
 Location: Store Koldewey Island
- *Schourovskii* (Rouillier sp.) Ravn
 Meddelelser om Grönland, vol. 45, 1911, p. 469
 Formation: Jurassic
 Location: Vesterdalen at Danmarks Havn, Greenland
- *Schourovskii* (Rouillier sp.) Ravn
 Copenhagen Univ. Min. and Geol. Mus. Comm. Paleont. No. 10,
 1911, p. 469
 Formation: Jurassic
 Location: Vesterdalen at Danmarks Havn
- Mactra* (*Cymbophora*) *alta* (Meek and Hayden) Stanton and Hatcher
 U. S. Geol. Sur. Bull. 257, 1905, p. 112
 Formation: Cretaceous, Judith river beds
 Location: Montana
- *antiqua* n. sp. Cragin
 Amer. Geol., vol. 14, 1894, p. 9, no pl.
 Formation: Cretaceous, Neocomian
 Location: Belvidere, Kansas
- *arenaria* (Meek) Stanton
 U. S. Geol. Sur., Mon. 32, pt. 2, 1899, p. 639, no pl.
 Formation: Cretaceous
 Location: Utah; Wyoming
- (*Cymbophora*) *ashburneri* (Gabb) Stanton
 U. S. Geol. Sur., 17th Ann. Rept., pt. 1, 1896, p. 1032, no pl.
 Formation: Cretaceous—Tertiary transition beds
 Location: California
- *ashburneri* (Gabb) Arnold
 U. S. Geol. Sur. Bull. 396, 1909, p. 11, pl. I, fig. 4
 Formation: Cretaceous, Chico
 Location: California
- *emmonsii* (Meek) Stanton
 U. S. Geol. Sur. Bull. 106, 1893, p. 121, pl. XXVII, figs. 9–13
 Formation: Cretaceous
 Location: Utah; Colorado
- *emmonsii* (Meek) Logan
 Kan. Univ. Geol. Sur., vol. 4, 1898, p. 458, pl. XCII, fig. 11
 Formation: Cretaceous, Lincoln marble
 Location: Kansas
- *formosa* (Meek) Herrick and Johnson
 Denison Univ. Sci. Lab. Bull., vol. 11, art. 9, 1900, pl. XXXIII,
 fig. 6, p. 205, (no description)
 Formation: Cretaceous
 Location: Near Albuquerque, New Mexico
- *gabbiana* n. sp. Anderson
 Cal. Acad. Sci. Proc., 3d ser. Geol., vol. 2, No. 1, 1902, p. 74, pl.

VII, fig. 156

Formation: Cretaceous

Location: California

— ? *gibbsana* (Meek) Packard

Univ. Cal. Pub. Dept. Geol. vol. 9, 1916, p. 310, no pl.

Formation: Cretaceous ?

Location: Straits of Juan de Fuca

— *huerfauensis* n. sp. Stanton

U. S. Geol. Sur. Bull. 106, 1893, p. 122, pl. XXVII, figs. 14, 15

Formation: Cretaceous, Pugnellus sandstone

Location: Huerfano Park, Colorado

— *pentangularia* n. sp. Weller

Geol. Sur. N. J. Pal., vol. 3, 1907, p. 631, pl. LXXI, figs. 7, 8

Formation: Cretaceous, Woodbury

Location: New Jersey

— *pulchella* n. sp. Herrick and Johnson

Denison Univ. Sci. Lab. Bull., vol. 11, art. 9, 1900, p. 205, pl. XXX, fig. 5

Formation: Cretaceous

Location: New Mexico

— *stantoni* n. sp. Arnold

U. S. Nat. Mus. Proc., vol. 34, 1908, p. 357, pl. XXXI, fig. 3

Formation: Cretaceous, Knoxville and Chico

Location: California

— ? *stantoni* (Arnold) Packard

Univ. Cal. Pub. Dept., Geol., vol. 9, 1916, p. 311-12, no pl.

Formation: Cretaceous, Chico

Location: California

— (?) *subquadrata* n. sp. Herrick and Johnson

Denison Univ. Sci. Lab. Bull., vol. 11, art. 9, 1900, p. 204, no pl.

Formation: Cretaceous

Location: Albuquerque, New Mexico

— ? *tenuissima* (Gabb) Packard

Univ. Cal. Pub. Dept. Geol., vol. 9, 1916, p. 312, no pl.

Formation: Cretaceous ?

Location: Lake county, California

— (*Cymbophora* ?) *utahensis* (Meek) Stanton

U. S. Geol. Sur. Bull. 106, 1893, p. 120, pl. XXVII, figs. 16, 17

Formation: Cretaceous

Location: Utah

— *warrenana* (M. & H.) Stanton

U. S. Geol. Sur. Mon. 32, pt. 2, 1899, p. 639, no pl.

Formation: Cretaceous, Montana

Location: Yellowstone National Park

— *warrenana* (Meek and Hayden) Stanton and Hatcher

U. S. Geol. Sur. Bull. 257, 1902, p. 112

Formation: Cretaceous, Judith river beds

Location: Montana

Mammites mohovanensis n. sp. Böse

Univ. of Texas Bull., No. 1856, 1918, p. 206, pl. XII, figs. 6, 8

Formation: Cretaceous, Turonian (Salmurian)

Location: Mexico

Mangilia suturalis n. sp. Cooper

Cal. State Bureau Mining Bull. No. 4, 1894, p. 41, pl. II, figs. 25,

26

Formation: Cretaceous

Location: California

Mantellum — see Lima

Margarita abyssina (Gabb) Weller

Geol. N. J., Pal. N. J., vol. 4, 1907, p. 669, pl. LXXV, figs. 20-22

Formation: Cretaceous

Location: New Jersey

— *abyssina* Whitfield

Geol. Sur. N. J., vol. 2, 1892, p. 133, pl. XVII, figs. 1-5

Formation: Cretaceous, Lower Green Marls

Location: New Jersey

— *abyssina* Whitfield

U. S. Geol. Sur. Mon. 18, 1892, p. 133, pl. XVII, figs. 1-5

Formation: Cretaceous, Lower Green Marls

Location: New Jersey

— *brownii* n. sp. Cragin

Colo. College Studies, 5th Ann. Pub. 1894, p. 61, no pl.

Formation: Cretaceous, Caprina limestone

Location: Travis county, Texas

— *marcouana* n. sp. Cragin

Amer. Geol., vol. 14, 1894, p. 10, no pl.

Formation: Cretaceous, Neocomian

Location: Belvidere, Kansas

— (*Solariella*) *newberryi* n. sp. Cragin

Amer. Geol., vol. 14, 1894, p. 10, no pl.

Formation: Cretaceous, Neocomian

Location: Belvidere, Kansas

— *ouratissima* (Gabb) sp. Whiteaves

Geol. Sur. Can., Mesozoic Fossils, vol. 1, pt. 5, 1900, p. 368, no pl.

Formation: Cretaceous

Location: Vancouver Islands

Margaritella abbottii Whitfield

Geol. Sur. N. J., vol. 2, 1892, p. 134, pl. XVII, figs. 12-15

Formation: Cretaceous, Lower Green Marls

Location: New Jersey; Alabama

— *abbotti* Whitfield

U. S. Geol. Sur., Mon. 18, 1892, p. 134, pl. XVII, figs. 12-15

Formation: Cretaceous

Location: New Jersey

Margarites (Gray) Gardner

Maryland Geol. Sur., U. Cret., 1916, p. 504, no pl.

Formation: Cretaceous

Location: Maryland

— *abyssina* (Gabb) (Meek) Gardner

Maryland Geol. Sur., U. Cret., 1916, p. 505, no pl.

Formation: Cretaceous

Location: Maryland; New Jersey

— *depressa* n. sp. Gardner

Maryland Geol. Sur., U. Cret., 1916, p. 505, pl. XIII, fig. 6

Formation: Cretaceous, Monmouth

Location: Maryland

— *elevata* n. sp. Gardner

Maryland Geol. Sur., U. Cret., 1916, p. 506, pl. XIII, fig. 5

- Formation: Cretaceous, Monmouth
 Location: Prince George's county, Maryland
- Marginulina costata* (Batsch sp.) Woodward
 New York Microscopical Soc. Journ., vol. X, No. 4, 1894, p. 115
 Formation: Cretaceous
 Location: Timber Creek, N. J.
- *ensis* (Reuss) Baggs
 U. S. Geol. Sur. Bull. 88, 1898, p. 51, no pl.
 Formation: Cretaceous, Monmouth and Rancocas
 Location: New Jersey
- *ensis* (Reuss) Weller
 Geol. Sur. N. J. Pal., vol. 4, 1907, p. 233, no pl.
 Formation: Cretaceous, Navesink marl
 Location: New Jersey
- *pediformis* (Bornemann) Baggs
 U. S. Geol. Sur. Bull. 88, 1898, p. 52, no pl.
 Formation: Cretaceous, Tertiary; Matawan
 Location: New Jersey
- *pediformis* (Bornemann) Weller
 Geol. Sur. N. J. Pal., vol. 4, 1907, p. 233, no pl.
 Formation: Cretaceous
 Location: New Jersey; Maryland
- *trilobata* (d'Orbigny) Baggs
 U. S. Geol. Sur. Bull. 88, 1898, p. 52, no pl.
 Formation: Cretaceous, Matawan and Monmouth
 Location: New Jersey
- *trilobata* (d'Orbigny) Weller
 Geol. Sur. N. J. Pal., vol. 4, 1907, p. 234, no pl.
 Formation: Cretaceous, Marshalltown clay-marl
 Location: New Jersey
- Marsupites* (J. S. Miller ex Mantell M. S.) Springer
 Harv. Coll. Mus. Comp. Zool. Mem., vol. 25, No. 3, 1911, p. 158
 Formation: Cretaceous
 Location: Mississippi
- *americanus* n. sp. Springer
 Harv. Coll. Mus. Comp. Zool. Mem., vol. 25, No. 3, 1911, p. 160,
 pl. VI, figs. 4a, b, and 5
 Formation: Tombigbee sandstone
 Location: Plymouth Bluff, Mississippi
- *americanus* (Springer) Clark and Twitchell
 U. S. Geol. Sur. Mon. 54, 1915, p. 39, pl. VII, figs. 2a-b, 3
 Formation: Cretaceous, Eutaw
 Location: Plymouth Bluff, Mississippi
- Martesia* (Leach) Gardner
 Maryland Geol. Sur., U. Cret., 1916, p. 726, no pl.
 Formation: Cretaceous
- *clausa* (Gabb) Stanton
 U. S. Geol. Sur., 17th Ann. Rept., pt. 1, 1896, p. 1033, no pl.
 Formation: Cretaceous, Tertiary transition beds
 Location: California
- *cretacea* (Gabb) Weller
 Geol. Sur. N. J. Pal., vol. 4, 1907, p. 654, pl. LXXIV, figs. 8-11
 Formation: Cretaceous, Merchantville clay-marl and Marshalltown clay-marl

- Location: New Jersey
- *cretacea* (Gabb) Gardner
 - Maryland Geol. Sur., U. Cret., 1916, p. 727, no pl.
 - Formation: Cretaceous, Matawan
 - Location: Delaware; Maryland; New Jersey
- *maloniana* n. sp. Cragin
 - U. S. Geol. Sur. Bull. 266, 1905, p. 87, pl. XIX, figs. 3-5
 - Formation: Jurassic
 - Location: Malone, Texas
- ? *parvula* n. sp. Whiteaves
 - Can. Geol. Sur., Mesozoic Fossils, vol. 1, pt. 5, 1903, p. 372, pl. XLV, fig. 10
 - Formation: Cretaceous
 - Location: Vancouver Islands
- Mataxia* n. gen. Wade
 - Phila. Acad. Nat. Sci. Proc., vol. 68, 1916, p. 455
- *elegans* n. sp. Wade
 - Phila. Acad. Nat. Sci. Proc., vol. 68, p. 456, pl. XXIII, figs. 1, 2, 3
 - Formation: Upper Cretaceous, Ripley
 - Location: Coon Creek, McNairy Co., Tenn.
- Mazapilites* n. gen. Burckhardt
 - Inst. Geol. de México, Bol. 33, 1919, p. 2
 - Formation: Jurassic
- *carinatus* n. sp. Burckhardt
 - Inst. Geol. de México, Bol. 33, 1919, p. 10, Lám. III, figs. 7, 8, 11, 12
 - Formation: Jurassic
 - Location: Cañon del Toboso, Mexico
- *crassicostatus* n. sp. Burckhardt
 - Inst. Geol. de México, Bol. 33, 1919, p. 7, Lám. II, figs. 1-3, 4, 6, 7, 10
 - Formation: Jurassic
 - Location: Cañon del Toboso, México
- *symonensis* n. sp. Burckhardt
 - Inst. Geol. de México, Bol. 33, 1919, p. 4, Lám. I, figs. 1-5, 9
 - Formation: Jurassic
 - Location: Cañon del Toboso, México
- *tobosensis* n. sp. Burckhardt
 - Inst. Geol. de México, Bol. 33, 1919, p. 9, Lám. III, figs. 4-6, 9, 10
 - Formation: Jurassic
 - Location: Cañon del Toboso, México
- Meekia radiata* (Gabb) ? Merriam
 - Univ. of Cal. Bull. of Geol., vol. 2, 1901, p. 282, no pl.
 - Formation: Cretaceous
 - Location: John Day Basin, Oregon
- *sella* (Gabb) Whiteaves
 - Can. Geol. Sur., Mesozoic Fossils, vol. 1, pt. 4, 1900, p. 291, no pl.
 - Formation: Cretaceous
 - Location: Vancouver Islands
- Meekoceras* (Hyatt) Smith
 - Cal. Acad. Sci. Proc., 3d ser. Geol., vol. 1, 1904, p. 367, no pl.
 - Formation: Triassic
- (Hyatt) Hyatt and Smith

- U. S. Geol. Sur. Prof. Paper 40, 1905, p. 140, no pl.
Formation: Triassic
- (*Gyronites*) *aplanatum* (White) Smith
Cal. Acad. Sci. Proc., 3d ser. Geol., vol. 1, 1904, p. 373, pl. XLI,
figs. 4-6
Formation: Triassic
Location: California; Idaho
- (*Gyronites*) *aplanatum* (White) Hyatt and Smith
U. S. Geol. Sur. Prof. Paper 40, 1905, p. 146, pl. XI, figs. 1-14;
pl. LXIV, figs. 17-22; pl. LXXVII, figs. 1, 2
Formation: Triassic
Location: Idaho
- *gracilitatis* (White) Smith
Cal. Acad. Sci. Proc., 3d ser. Geol., vol. 1, 1904, p. 370, pl. XLII,
figs. 1-4; pl. XLIII, figs. 3, 4
Formation: Triassic
Location: Idaho; California
- *gracilitatis* (White) Hyatt and Smith
U. S. Geol. Sur. Prof. Paper 40, 1905, p. 143, pl. XII, figs. 1-13;
pl. XIII, figs. 1-18; pl. LXX, figs. 4-7; pl. XIV, figs. 1-8
Formation: Triassic
Location: California
- *gracilitatis* White Smith
Leland Stan. Jr. Univ. Pub. 1914, pl. VII, figs. 6-12
Formation: Triassic
Location: Idaho
- (*Koninckites*) *mushbachanum* (White) Smith
Cal. Acad. Sci. Proc., 3d ser. Geol., vol. 1, 1904, p. 376, pl. XLI,
figs. 1-3; pl. XLIII, figs. 1, 2
Formation: Triassic
Location: California; Idaho
- (*Koninckites*) *mushbachanum* (White) Hyatt and Smith
U. S. Geol. Sur. Prof. Paper 40, 1905, p. 149, pl. XV, figs. 1-9; pl.
XVI, figs. 1-3; pl. XVIII, figs. 1-7; pl. LXX, figs. 8-10
Formation: Triassic
Location: Idaho
- *mushbachanum* White Smith
Leland Stan. Jr. Univ. Pub. 1914, pl. VII, figs. 1-5
Formation: Triassic
Location: Idaho
- *pilatum* n. sp. Hyatt and Smith
U. S. Geol. Sur. Prof. Paper 40, 1905, p. 144, pl. LXIII, figs. 3-9
Formation: Triassic
Location: Idaho
- (*Prionolobus*) *jacksoni* n. sp. Hyatt and Smith
U. S. Geol. Sur. Prof. Paper 40, 1905, p. 151, pl. LXII, figs. 11-21
Formation: Triassic
Location: California
- (*Prionolobus*) *waageni* n. sp. Hyatt and Smith
U. S. Geol. Sur. Prof. Paper 40, 1905, p. 150, pl. LXXVII, figs. 3-8
Formation: Triassic
Location: Inyo county, California
- Meekoceratidae* Hyatt and Smith

- U. S. Geol. Sur. Prof. Paper 40, 1905, p. 135, no pl.
Megaphyllites (Mojsisovics) Smith
 U. S. Geol. Sur. Prof. Paper 83, 1914, p. 41, no pl.
 — *septentrionalis* (Smith) n. sp.
 U. S. Geol. Sur. Prof. Paper 83, 1914, p. 42, pl. XXI, figs. 4–12
 Formation: Triassic
 Location: West Humboldt range, Nevada
Megerlia dubitanda n. sp. Cooper
 Cal. State Mining Bureau Bull. No. 4, 1894, p. 50, pl. III, figs. 48, 49
 Formation: Cretaceous
 Location: Pt. Soma, California
Melampus clarkii n. sp. White
 U. S. Geol. Sur. Bull., 128, p. 42, pl. V, figs. 2, 3
 Formation: Cretaceous, Bear river
 Location: Montana
 — sp. ? Stanton
 U. S. Geol. Sur. Bull. 106, 1893, p. 162, no pl., (no description)
 Formation: Cretaceous
 Location: Coalville, Utah
Melania insculpta (Meek?) Stanton
 U. S. Geol. Sur. Prof. Paper 98, 1916, p. 318, no pl.
 Formation: Upper Cretaceous
 Location: San Juan Basin, New Mexico
 — ? *whiteavesi* n. sp. Stanton and Hatcher
 U. S. Geol. Sur. Bull. 257, 1905, p. 115, pl. XIII, fig. 5
 Formation: Cretaceous, Judith River beds
 Location: Montana
Meleagrinnella abrupta (Conrad) Weller
 Geol. Sur. N. J. Pal., vol. 4, 1907, p. 433, pl. XLII, figs. 5–9
 Formation: Cretaceous, Navesink marl
 Location: New Jersey
Melina skidegatensis (Whiteaves) Whiteaves
 Geol. Sur. Can., Mesozoic Fossils, 1900, vol. 1, pt. 4, p. 296, no pl.
 Formation: Cretaceous
 Location: Vancouver Islands
Membranipora annuloidea (Ulrich and Bassler) n. sp. Weller
 Geol. Sur. N. J. Pal., vol. 4, 1907, p. 335, pl. XXIII, fig. 18
 Formation: Cretaceous, Vincentown limesand
 Location: New Jersey
 — *annuloidea* (Ulrich and Bassler) Bassler
 Maryland Geol. Sur., U. Cret., 1916, p. 740, pl. XLVI, fig. 3
 Formation: Cretaceous, Rancocas
 Location: Delaware
 — *jerseyensis* (Ulrich and Bassler) n. sp. Weller
 Geol. Sur. N. J. Pal., vol. 4, 1907, p. 336, pl. XXIV, fig. 3
 Formation: Cretaceous, Vincentown limesand
 Location: New Jersey
 — *nematoporoides* (Ulrich and Bassler) n. sp. Weller
 Geol. Sur. N. J. Pal., vol. 4, 1907, p. 336, pl. XXIV, figs. 1, 2
 Formation: Cretaceous, Vincentown limesand
 Location: Vincentown, New Jersey
 — *perampla* (Gabb and Horn) Weller
 Geol. Sur. N. J. Pal., vol. 4, 1907, p. 337, pl. XXIV, fig. 4

- Formation: Cretaceous, Vincentown limesand
 Location: New Jersey
- **plebia** (Gabb and Horn) Weller
 Geol. Sur. N. J. Pal., vol. 4, 1907, p. 334, pl. XXIII, fig. 17
 Formation: Cretaceous, Vincentown limesand
 Location: New Jersey
- **Membraniporella abboiit** (Gabb and Horn) Weller
 Geol. Sur. N. J. Pal., vol. 4, 1907, p. 342, pl. XXIV, figs. 13, 14
 Formation: Cretaceous, Vincentown limesand
 Location: New Jersey
- **abbotti** (Gabb and Horn) (Weller) Bassler
 Maryland Geol. Sur., U. Cret., 1916, p. 743, pl. XLVI, fig. 4
 Formation: Cretaceous, Rancocas
 Location: Delaware
- **distans** (Gabb and Horn) Weller
 Geol. Sur. N. J. Pal., vol. 4, 1907, p. 344, pl. XXV, fig. 1
 Formation: Cretaceous, Vincentown limesand
 Location: Vincentown, New Jersey
- **Meretrix** (Lamarck) Gardner
 Maryland Geol. Sur., U. Cret., 1916, p. 679, no pl.
 Formation: Cretaceous
- **arata** (Gabb) Whiteaves
 Can. Geol. Sur., Mesozoic Fossils, vol. 1, pt. 5, 1903, p. 378, no pl.
 Formation: Cretaceous
 Location: Sucia Islands; Texada Islands
- **cretacea** (Conrad) Weller
 Geol. Sur. N. J. Pal., vol. 4, 1907, p. 608, pl. LXVIII, figs. 4-7
 Formation: Cretaceous, Woodbury clay, Marshalltown clay-marl
 Location: New Jersey
- **cretacea** (Conrad) (Weller) Gardner
 Maryland Geol. Sur., U. Cret., 1916, p. 679, no pl.
 Formation: Cretaceous, Matawan
 Location: Delaware; New Jersey
- **eufaulensis** (Conrad) Weller
 Geol. Sur. N. J. Pal., vol. 4, 1907, p. 609, pl. LXVIII, figs. 8, 10
 Formation: Cretaceous
 Location: New Jersey; Alabama
- **leonensis** ? (Conrad) Whitney
 Univ. of Texas Bull. 184, 1911, p. 18, pl. VII, fig. 4
 Formation: Cretaceous, Buda
 Location: Shoal, Barton and Bouldin creeks, Austin, Texas
- **leonensis** ? (Conrad) Whitney
 Tex. Acad. Sci. Trans., vol. 12, 1913, pl. VII, p. 18, fig. 4
 Formation: Cretaceous, Buda limestone
 Location: Shoal, Barton and Bouldin creeks, Austin, Texas
- **nitida** (Gabb) Whiteaves
 Geol. Sur. Can., Mesozoic Fossils, vol. 1, pt. 5, 1903, p. 377, no pl.
 Formation: Cretaceous
 Location: Vancouver Islands
- **tippiana** (Conrad) Weller
 Geol. Sur. N. J. Pal., vol. 4, 1907, p. 607, pl. LXVIII, figs. 1-3
 Formation: Cretaceous
 Location: New Jersey; Mississippi; Texas; Arkansas
- **variens** (Gabb) Merriam

- Univ. Cal. Bull. of Geol., vol. 2, 1901, p. 283, no pl.
 Formation: Cretaceous
 Location: John Day Basin, Oregon
- Mesostoma ? intermedium** n. sp. Whiteaves
 Can. Geol. Sur., Mesozoic Fossils, vol. 1, pt. 5, 1903, p. 360, pl. XLIII, fig. 4
 Formation: Cretaceous
 Location: Sucia Islands; Vancouver Islands
- **? newcombii** n. sp. Whiteaves
 Can. Geol. Sur., Mesozoic Fossils, vol. 1, 1903, pt. 5, p. 361, pl. XLIII, fig. 5
 Formation: Cretaceous
 Location: Sucia Islands
- **occidentalis** n. sp. Stanton
 U. S. Geol. Sur. Bull. 106, 1893, p. 139, pl. XXX, figs. 7, 8
 Formation: Cretaceous, Benton shales
 Location: Colorado
- **occidentalis** (Stanton) Herrick and Johnson
 Denison Univ. Sci. Lab. Bull., vol. 11, art. 9, 1900, pl. XLII, figs. 7, 8, (no description)
 Formation: Cretaceous
 Location: Near Albuquerque, New Mexico
- **suciense** n. sp. Whiteaves
 Can. Geol. Sur., Mesozoic Fossils, vol. 1, pt. 5, 1903, p. 359, pl. XLIV, fig. 7
 Formation: Cretaceous
 Location: Vancouver Islands; Sucia Islands
- Metacypriis consobrina** n. sp. Jones
 Geol. Mag. dec. III, vol. 10, 1893, p. 388, pl. XV, figs. 1a, b, c
 Formation: Cretaceous, Bear River formation
 Location: Cokeville, Wyoming
- **cuneiformis** n. sp. Jones
 Geol. Mag. dec. III, vol. 10, 1893, p. 389, pl. XV, figs. 3a, b, c
 Formation: Cretaceous, Bear River formation
 Location: Cokeville, Wyoming
- **simplex** n. sp. Jones
 Geol. Mag. dec. III, vol. 10, 1893, p. 389, pl. XV, figs. 9a, b, c
 Formation: Cretaceous, Bear River formation
 Location: Cokeville, Wyoming
- Metasibirites frechi** (Hyatt and Smith) Smith
 Leland Stanford Jr. Univ. Pub. 1914, pl. VI, figs. 1-10
 Formation: Upper Triassic
 Location: None given
- Metasigaloceras** n. gen. Hyatt
 U. S. Geol. Sur., Mon. 44, 1903, p. 106, no pl.
 Formation: Cretaceous
- Metatirolites** (Mojsisovics) Hyatt and Smith
 U. S. Geol. Sur. Prof. Paper 40, 1905, p. 160, no pl.
- Metatirolites** — see **Tirolites**
- Metengonoceras** n. gen. Hyatt
 U. S. Geol. Sur., Mon. 44, 1903, p. 179, no pl.
- **acutum** n. sp. Hyatt

- U. S. Geol. Sur. Mon. 44, 1903, p. 184, pl. XXVI, fig. 8, pl. XXVII, figs. 1, 2
 Formation: Cretaceous
 Location: Texas
- **ambiguum** n. sp. Hyatt
 U. S. Geol. Sur. Mon. 44, 1903, p. 183, pl. XXVI, figs. 5-7
 Formation: Cretaceous, Comanche Peak
 Location: Austin, Texas
- **dumbli** (Cragin) Hyatt
 U. S. Geol. Sur. Mon. 44, 1903, p. 185, pl. XXVII, figs. 3-14
 Formation: Cretaceous, Eagle ford
 Location: Whitesboro, Texas
- **inscriptum** n. sp. Hyatt
 U. S. Geol. Sur. Mon., vol. 44, 1903, p. 180, pl. XXV, figs. 5-9, pl. XXVI, figs. 1-4
 Formation: Cretaceous
 Location: Decatur, Texas
- **inscriptum** var. ? Hyatt
 U. S. Geol. Sur. Mon. 44, 1903, p. 182
 Formation: Cretaceous
 Location: Travis county, Texas
- Metoecoceras** (Hyatt) Böse
 Univ. of Texas Bull. No. 1856, 1918, p. 200, no pl.
 Formation: Cretaceous, Lower Turonian
 (This is a modified spelling of Hyatt's genus *Metoicoceras*)
- Metoicoceras** n. gen. Hyatt
 U. S. Geol. Sur. Mon. 44, p. 116, 1903
- **acceleratum** n. sp. Hyatt
 U. S. Geol. Sur. Mon. 44, 1903, p. 127, pl. XIV, figs. 11-14
 Formation: Cretaceous, Colorado epoch
 Location: Texas
- **gibbosum** n. sp. Hyatt
 U. S. Geol. Sur. Mon. 44, 1903, p. 121, pl. XV, figs. 5-8
 Formation: Cretaceous, Colorado epoch
 Location: Texas
- n. sp. Böse
 Univ. of Texas Bull. No. 1856, 1918, p. 205, pl. XII, figs. 1-3
 Formation: Cretaceous, Upper Cenomanian (?) or Lower Turonian
 Location: Mexico
- **swallovi** (Shumard) Hyatt
 U. S. Geol. Sur. Mon. 44, 1903, p. 118, pl. XI, figs. 7-24; pl. XIII, figs. 1, 2; pl. XV, figs. 1-4
 Formation: Cretaceous, Colorado epoch
 Location: Texas, Utah
- **whitei** n. sp. Hyatt
 U. S. Geol. Sur. Mon. 44, 1903, p. 122, pl. XIII, figs. 3-5; pl. XIV, figs. 1-10, 15
 Formation: Cretaceous, Colorado epoch
 Location: Texas, Utah
- **aff. whitei** (Hyatt) Böse
 Univ. of Texas Bull. No. 1856, 1918, p. 203, pl. XII, figs. 4-7
 Formation: Cretaceous, Upper Cenomanian ?
 Location: Mexico

Metoicoceratidae (Hyatt) Hyatt

U. S. Geol. Sur. Mon. 44, 1903, p. 115, no pl.

Metopaster hortensae (Adkins and Winton) Adkins

Univ. of Texas Bull. No. 1856, 1918, p. 97, pl. VII, fig. 6

Formation: Cretaceous, Pawpaw

Location: Texas

— **hortensae** n. sp. Adkins and Winton

Univ. of Texas Bull. 1945, 1919, p. 46, pl. X, figs. 2-4

Formation: Cretaceous, Pawpaw

Location: Fort Worth, Texas

Meyeria ? Harveyi n. sp. Woodward

Geol. Mag. n. s. decade 4, vol. 7, 1900, p. 434

Formation: Upper Cretaceous

Location: Hornby Island, British Columbia

— **? harveyi** (Woodward) Whiteaves

Can. Geol. Sur., Mesozoic Fossils, vol. 1, pt. 5, 1903, p. 323, no pl.

Formation: Cretaceous

Location: Hornby Island

Micrabacia (Milne-Edwards and Haime) Stephenson

U. S. Geol. Sur. Prof. Paper 98, 1916, p. 116, no pl.

— **americana** (Meek and Hayden) Weller

Geol. Sur. N. J. Pal., vol. 4, 1907, p. 271, pl. V, figs. 14-17

Formation: Cretaceous

Location: South Dakota; New Jersey

— **americana** (Meek and Hayden) Stephenson

U. S. Geol. Sur. Prof. Paper 98, 1916, p. 118, pl. XX, figs. 4, 5

Formation: Cretaceous, Montana group

Location: South Dakota; Montana; Wyoming

— **americana** var. **multicosta** n. var. Stephenson

U. S. Geol. Sur. Prof. Paper 98, 1916, p. 119, pl. XX, fig. 6

Formation: Cretaceous, Montana group

Location: Montana

— **cribraria** Stephenson n. sp.

U. S. Geol. Sur. Prof. Paper 98, 1916, p. 117, pl. XX, figs. 1-3

Formation: Cretaceous

Location: North Carolina; Alabama; Mississippi

— **hilgardi** n. sp. Stephenson

U. S. Geol. Sur. Prof. Paper 98, 1916, p. 120, pl. XXII, figs. 1-6

Formation: Cretaceous, Ripley

Location: Mississippi; Tennessee; Alabama

— **marylandica** n. sp. Stephenson

Maryland Geol. Sur., U. Cret., 1916, p. 755, pl. XLVIII, figs. 1-4

Formation: Cretaceous, Monmouth

Location: Maryland

— **marylandica** (Stephenson) Stephenson

U. S. Geol. Sur. Prof. Paper 98, 1916, p. 121, pl. XXII, figs. 7-10

Formation: Cretaceous, Monmouth

Location: Maryland

— **mineolensis** n. sp. Stephenson

U. S. Geol. Sur. Prof. Paper 98, 1916, p. 122, pl. XXIII, figs. 6-8

Formation: Cretaceous, Navarro

Location: Texas

— **mississippiensis** n. sp. Stephenson

U. S. Geol. Sur. Prof. Paper 98, 1916, p. 123, pl. XXIII, figs. 9-11

- Formation: Cretaceous, Ripley
 Location: Mississippi
- *rotatilis* n. sp. Stephenson
 Maryland Geol. Sur., U. Cret., 1916, p. 753, pl. XLIX, figs. 1-4
 Formation: Cretaceous, Monmouth
 Location: Maryland
- *rotatilis* (Stephenson) Stephenson
 U. S. Geol. Sur. Prof. Paper 98, 1916, p. 119, pl. XXI, figs. 1-4
 Formation: Cretaceous, Monmouth
 Location: Maryland
- Micropora cylindracea* n. sp. (Ulrich and Bassler) Weller
 Geol. Sur. N. J. Pal., vol. 4, 1907, p. 347, pl. XXV, fig. 4
 Formation: Cretaceous, Vincentown limesand
 Location: New Jersey
- *paucira* (Ulrich and Bassler) n. sp. Weller
 Geol. Sur. N. J. Pal., vol. 4, 1907, p. 347, pl. XXV, fig. 3
 Formation: Cretaceous, Vincentown limesand
 Location: New Jersey
- ? *vincentownensis* n. sp. (Ulrich and Bassler) Weller
 Geol. Sur. N. J. Pal., vol. 4, 1907, p. 348, pl. XXV, fig. 9
 Formation: Cretaceous, Vincentown limesand
 Location: New Jersey
- Microporela sparsipora* (Ulrich and Bassler) n. sp. Weller
 Geol. Sur. N. J. Pal., vol. 4, 1907, p. 348, pl. XXV, fig. 8
 Formation: Cretaceous, Vincentown limesand
 Location: Vincentown, New Jersey
- Micropsis lineatus* (Clark) n. sp. Clark and Twitchell
 U. S. Geol. Sur. Mon. 54, 1915, p. 63, pl. XXV, figs. 1a-c
 Formation: Cretaceous, Washita
 Location: Denison, Texas
- Mitra simplicissima* n. sp. Cooper
 Cal. State Mining Bureau Bull. 4, 1894, p. 45, pl. II, fig. 41
 Formation: Cretaceous
 Location: California
- Modiola austinensis* n. sp. Whitney
 Tex. Acad. Sci. Trans., vol. 12, 1913, p. 15, pl. II, fig. 6
 Formation: Cretaceous, Buda limestone
 Location: Shoal creek, Austin, Texas
- *austinensis* n. sp. Whitney
 Univ. of Texas Bull. 184, 1911, p. 15, pl. II, fig. 6
 Formation: Cretaceous, Buda
 Location: Shoal creek, Austin, Texas
- *branneri* n. sp. Hill
 Wash. Biol. Soc. Proc., vol. 8, 1893, p. 24, pl. V, figs. 8, 9, 10
 Formation: Cretaceous, Glen Rose
 Location: Arkansas
- *burlingtonensis* (Whitfield) Weller
 Geol. Sur. N. J. Pal. vol. 4, 1907, p. 505, pl. LV, figs. 18, 19
 Formation: Cretaceous, Merchantville clay-marl
 Location: New Jersey
- *filisculpta* n. sp. Cragin
 Texas Geol. Sur., 4th Ann. Rept., 1893, p. 194, no pl.
 Formation: Cretaceous
 Location: Texas

- *geniculata* n. sp. Cragin
U. S. Geol. Sur. Bull. 266, 1905, p. 49, pl. VI, fig. 3
Formation: Jurassic
Location: Finlay, Texas
- *hannoverana* (Struckmann ?) Ravn
Meddelelser om Grønland, vol. 45, 191, p. 468
Formation: Jurassic
Location: "Kloft I," Store Koldewey Island, Greenland
- *hannoverana* (Struckmann ?) Ravn
Copenhagen Univ. Min. and Geol. Mus. Comm. Paleont. No. 10,
1911, p. 468
Formation: Jurassic (?)
Location: "Kloft I," Store Koldewey Island
- *julia* (Lea.) Weller
Geol. Sur. N. J. Pal., vol. 4, 1907, p. 506, pl. LV, figs. 12, 13
Formation: Cretaceous, Merchantville clay-marl
Location: New Jersey; Texas
- *johnsoni* (Whitfield) Weller
Geol. Sur. N. J. Pal., vol. 4, 1907, p. 509, pl. LV, figs. 14, 15
Formation: Cretaceous, Manasquan marl
Location: New Jersey
- *jurassica* n. sp. Whitfield and Hovey
Bull. Amer. Mus. Nat. Hist., vol. 22, 1906, p. 393, pl. XLV,
figs. 3, 4
Formation: Jurassic
Location: Black Hills
- *jurafacies* n. sp. Cragin
Texas Geol. Sur., 4th Ann. Rept., 1893, p. 195, no pl.
Formation: Cretaceous, "Above the Caprotina horizon"
Location: Granbury, Texas
- *laticostata* (White) Stanton
U. S. Geol. Sur. Prof. Paper. 98, 1916, p. 311, pl. LXXIX, figs.
9, 10
Formation: Upper Cretaceous
Location: San Juan Basin, New Mexico
- *major* (Gabb) Stanton
U. S. Geol. Sur. Bull. 133, 1895, p. 48, pl. III, fig. 1
Formation: Cretaceous, Knoxville beds
Location: California
- *maloniana* n. sp. Cragin
U. S. Geol. Sur. Bull. 266, 1905, p. 48, pl. VI, figs. 1, 2
Formation: Triassic
Location: Malone, Texas
- *monmouthensis* n. sp. Weller
Geol. Sur. N. J. Pal. vol. 4, 1907, p. 504, pl. LV, figs. 9, 10
Formation: Cretaceous, Merchantville marl
Location: New Jersey
- (*Brachydontes*) *multilinigera* (Meek) Logan
Kan. Univ. Geol. Sur., vol. 4, 1898, p. 457, pl. LXXXVI, fig. 5
Formation: Cretaceous, Fort Benton limestone
Location: Kansas
- (*Brachydontes*) *multilinigera* (Meek) Stanton
U. S. Geol. Sur. Bull. 106, p. 86, pl. XIX, 1893, fig. 3
Formation: Cretaceous

- Location: Wyoming
- *ovata* (Gabb) Weller
 Geol. Sur. N. J. Pal., vol. 4, 1907, p. 508, pl. LV, figs. 16, 17
 Formation: Cretaceous, Vincenttown limesand
 Location: New Jersey
- *pealii* n. sp. White
 U. S. Geol. Sur. Bull. 128, 1895, p. 33, pl. II, fig. 3
 Formation: Cretaceous, Bear river
 Location: Montana
- *persistens* n. sp. Whiteaves
 Can. Geol. Sur., Mesozoic Fossils, vol. 1, pt. 4, 1900, p. 296, pl. XXXVII, fig. 5
 Formation: Cretaceous
 Location: Queen Charlotte Islands
- *Ravni* n. sp. Lundgren
 Meddelelser om Grönland, vol. 19, 1895, p. 202, pl. IV, fig. 18
 Formation: Jurassic
 Location: Kap Stewart, east Greenland
- *siskiyouensis* (Gabb) Whiteaves
 Can. Geol. Sur., Mesozoic Fossils, vol. 1, pt. 5, 1903, pl. XLVIII, fig. 2
 Formation: Cretaceous
 Location: Vancouver Islands
- *stonewallensis* n. sp. Cragin
 Texas Geol. Sur., 4th Ann. Rept., 1893, p. 196, no pl.
 Formation: Cretaceous, Denton Marl
 Location: Texas
- (*Brachydontes*) sp. indt. Whiteaves
 Can. Geol. Sur., Mesozoic Fossils, vol. 1, pt. 5, 1903, p. 395, no pl.
 Formation: Cretaceous
 Location: Hornby Island; Sucia Islands
- sp. Lundgren
 Meddelelser om Grönland, vol. 19, 1895, p. 203
 Formation: Jurassic
 Location: Kap Stewart, east Greenland
- sp. Ravn
 Meddelelser om Grönland, vol. 45, 1911, p. 468
 Formation: Jurassic
 Location: Vesterdalen at Danmarks Havn, Greenland
- sp. Ravn
 Copenhagen Univ. Min. and Geol. Mus. Comm. Paleont. No. 10, 1911, p. 468
 Formation: Jurassic
 Location: Vesterdalen Danmarks Havn
- sp. Logan
 Kan. Univ. Quart., vol. 8, 1899, p. 91, pl. XX, fig. 4
 Formation: Cretaceous, Dakota series
 Location: Kansas
- sp. Stanton and Hatcher
 U. S. Geol. Sur. Bull. 257, 1905, p. 106, no pl.
 Formation: Cretaceous, Judith river beds
 Location: Montana
- ? sp. Shattuck

- U. S. Geol. Sur. Bull. 205, 1903, p. 23, pl. VIII, figs. 4, 5
 Formation: Cretaceous
 Location: Texas
- **Strajeskiana** (d'Orbigny) Ravn
 Meddelelser om Grønland, vol. 45, 1911, p. 467, pl. XXXIII, fig. 9
 Formation: Jurassic
 Location: "Kloft I" and "Kloft II," Store Koldewey Island, Hochstetter's Foreland; Kuhn Island
- **Strajeskiana** (d'Orbigny) Ravn
 Copenhagen Univ. Min. and Geol. Mus. Comm. Paleont. No. 10, 1911, p. 467, pl. XXXIII, fig. 9
 Formation: Jurassic
 Location: "Kloft I," "Kloft II," Store Koldewey Island, Hochstetter's Foreland
- **subimbricata** (Meek) Stanton
 U. S. Geol. Sur. Mon. 32, pt. 2, 1899, p. 617, no pl.
 Formation: Mesozoic
 Location: Yellowstone National Park
- **subinflata** (Whitfield) Weller
 Geol. Sur. N. J. Pal., vol. 4, 1907, p. 507, pl. LV, figs. 20, 21
 Formation: Cretaceous, Hornerstown marl
 Location: New Jersey
- **wenonah** n. sp. Weller
 Geol. Sur. N. J. Pal., vol. 4, 1907, p. 507, pl. LV, fig. 11
 Formation: Cretaceous, Wenonah sand
 Location: New Jersey
- Modiolarca jurassica** n. sp. Whitfield and Hovey
 Bull. Amer. Mus. Nat. Hist., vol. 22, 1906, p. 393, pl. XLV, fig. 2
 Formation: Jurassic
 Location: Black Hills
- Modiolus** (Lamarck) Gardner
 Maryland Geol. Sur., U. Cret., 1916, p. 614, no pl.
 Formation: Cretaceous
 Location: Maryland
- **burlingtonensis** (Whitfield) Gardner
 Maryland Geol. Sur., U. Cret., p. 615, no pl.
 Formation: Cretaceous, Matawan
 Location: Delaware; New Jersey
- **schallerensis** Stanton n. sp. Stanton and Vaughan
 U. S. Geol. Sur. Prof. Paper, 128 A, 1920, p. 25, pl. III, fig. 6
 Formation: Cretaceous, Cannonball
 Location: Schaller, N. Dakota
- **sedesclarus** n. sp. Gardner
 Maryland Geol. Sur., U. Cret., 1916, p. 616, pl. XXXVI, figs. 1, 2
 Formation: Cretaceous, Monmouth
 Location: Maryland
- **trigonus** n. sp. Gardner
 Maryland Geol. Sur., U. Cret., 1916, p. 616, pl. XXXVI, fig. 3
 Formation: Cretaceous, Monmouth
 Location: Maryland
- Modiomorpha ? lata** (Meek) Smith
 U. S. Geol. Sur. Prof. Paper 83, 1914, p. 146, pl. XIV, fig. 2
 Formation: Triassic

- Location: West Humboldt range, Nevada
- ? *ovata* (Meek) Smith
U. S. Geol. Sur. Prof. Paper 83, 1914, p. 145, pl. XIV, fig. 1
Formation: Triassic
Location: West Humboldt range, Nevada
- Modulus lapidosa** n. sp. Whitfield
Geol. Sur. N. J., vol. 2, 1892, p. 152, pl. XVII, figs. 6-8
Formation: Cretaceous, Lower Green Marls
Location: New Jersey
- *lapidosa* n. sp. Whitfield
U. S. Geol. Sur. Mon. 18, 1892, p. 152, pl. XVII, figs. 6-8
Formation: Cretaceous, Lower Green Marls
Location: Mullica Hill, New Jersey
- Mojsvaroceras** (Hyatt) Hyatt and Smith
U. S. Geol. Sur. Prof. Paper 40, 1905, p. 208, no pl.
Formation: Triassic
- *turneri* n. sp. Hyatt and Smith
U. S. Geol. Sur. Prof. Paper 40, 1905, p. 209, pl. XLVIII, figs. 6-11
Formation: Triassic
Location: Shasta county, California
- Monophyllites** (Mojsisovics) Hyatt and Smith
U. S. Geol. Sur. Prof. Paper 40, 1905, p. 93, no pl.
Formation: Triassic
Location: California
- *billingsianus* (Gabb) Smith
U. S. Geol. Sur. Prof. Paper 83, 1914, p. 48, pl. V; pl. XXII, figs. 1-5; pl. XLVIII, figs. 8, 9
Formation: Triassic
Location: East and West Humboldt range, Nevada
- *billingsianus* (Gabb) Hyatt and Smith
U. S. Geol. Sur. Prof. Paper 40, 1905, p. 94, pl. XXIV, figs. 3, 4
Formation: Triassic
Location: California
- Monopleura** (Petalodontia) *calametiformis* (Barcena sp.) Douvillé
Bull. Soc. Géol. France, Fascicule 3, No. 28, 1900, p. 213, figs. 11, 12
Formation: Cretaceous
Location: Mexico
- (Petalodontia) (Felix n. sp.) Douvillé
Bull. Soc. Géol. France, Fascicule 3, No. 28, 1900, p. 211, figs. 8-10
Formation: Cretaceous
Location: Mexico
- *marcida* (White) Hill
Wash. Biol. Soc. Proc., vol. 8, 1893, p. 29, no pl.
Formation: Cretaceous, Glen Rose, Caprina Limestone
Location: Texas
- *pinguiscula* (White) Hill
Wash. Biol. Soc. Proc., vol. 8, 1893, p. 29, no pl.
Formation: Cretaceous, Glen Rose, Caprina Limestone
Location: Texas
- (Petalodontia) sp. Douvillé
Bull. Soc. Géol. France, 3 ser. No. 28, 1900, p. 214
Formation: Cretaceous
Location: Mexico

- (**Himeralites**) *sp.* Douvillé
Bull. Soc. Géol. France, 3 ser. No. 28, 1900, p. 215
Location: Mexico
- (**Himeraelites**) *Tulae* (Felix) Douvillé
Bull. Soc. Géol. France, No. 28, 1900, p. 215
Formation: Cretaceous
Location: Mexico
- Monoporella exserta** (Gabb and Horn) Weller
Geol. Sur. N. J. Pal. vol. 4, 1907, p. 349, pl. XXV, figs. 5-7
Formation: Cretaceous, Vincentown limesand
Location: New Jersey
- Monotis symmetrica** n. sp. Hyatt
Geol. Soc. Amer. Bull., vol. 5, 1894, p. 414, no pl.
Formation: Triassic
Location: Amer. Canyon, California
- **semiplicata** n. sp. Hyatt
Geol. Soc. Amer. Bull. vol. 5, 1894, p. 414, no pl.
Formation: Triassic
Location: Amer. Canyon, California
- Morea** (Conrad) Gardner
Maryland Geol. Sur., U. Cret., 1916, p. 464, no pl.
Formation: Cretaceous
Location: Maryland
- **marylandica** n. sp. Gardner
Maryland Geol. Sur., U. Cret., 1916, p. 466, pl. XVIII, fig. 13
Formation: Cretaceous, Monmouth
Location: Maryland
- **naticella** (Gabb) Weller
Geol. Sur. N. J. Pal. vol. 4, 1907, p. 800, pl. XCVIII, figs. 14, 15
Formation: Cretaceous, Merchantville clay-marl
Location: New Jersey
- **naticella** (Gabb) Gardner
Maryland Geol. Sur., U. Cret., 1916, p. 465, pl. XVIII, fig. 12
Formation: Cretaceous, Matawan
Location: Maryland; New Jersey
- **naticella** Whitfield
Geol. Sur. N. J., vol. 2, 1892, p. 97, pl. XII, figs. 19, 20
Formation: Cretaceous, Lower Green Marls
Location: New Jersey
- **naticella** Whitfield
U. S. Geol. Sur. Mon. 18, 1892, p. 97, pl. XII, figs. 19, 20
Formation: Cretaceous, Lower Green Marls
Location: Burlington, New Jersey
- **plicata** (Whitfield) Weller
Geol. Sur. N. J. Pal. vol. 4, 1907, p. 801, pl. XCVIII, figs. 16, 17
Formation: Cretaceous, Navesink marl
Location: New Jersey
- Mortoniceras** (Meek) Gardner
Maryland Geol. Sur., U. Cret., 1916, p. 390, no pl.
Formation: Cretaceous
Location: Maryland
- **crenulatum** n. sp. Anderson
Proc. Cal. Acad. Sci., 3d ser. Geol., vol. 2, 1902, No. 1, p. 125, pl. I,

- figs. 17, 18
 Formation: Cretaceous
 Location: California
- **delawarensis** (Morton) Weller
 Geol. Sur. N. J. Pal. vol. 4, 1907, p. 837, pl. CIII, fig. 1; pl. CIV, figs. 1-5
 Formation: Cretaceous, Merchantville clay-marl
 Location: New Jersey
- **delawarensis** (Morton) Gardner
 Maryland Geol. Sur., U. Cret., 1916, p. 391, pl. XII, fig. 7
 Formation: Cretaceous, Matawan
 Location: Maryland; Delaware; New Jersey
- **shoshonense** (Meek) Stanton
 U. S. Geol. Sur. Bull. 106, 1893, p. 179, pl. XLIII, figs. 1, 2
 Formation: Cretaceous, Fort Benton group
 Location: Wyoming
- **shoshonense** (Meek) Logan
 Kan. Univ. Geol. Sur., vol. 4, 1898, p. 471, pl. CIII, figs. 1, 2
 Formation: Cretaceous, Fort Benton limestone
 Location: Mitchell county, Kansas
- **vermillionense** (M. & H.) Stanton
 U. S. Geol. Sur. Bull. 106, 1893, p. 180, pl. XLIV, fig. 1
 Formation: Cretaceous, Fort Benton group
 Location: Nebraska
- **vermillionense** (M. & H.) Logan
 Kan. Univ. Geol. Sur., vol. 4, 1898, p. 472, pl. CIV, fig. 1
 Formation: Cretaceous, Fort Benton limestone
 Location: Kansas
- ? **vermillionense** (M. & H.) Herrick and Johnson
 Denison Univ. Sci. Lab. Bull., vol. 11, art. 9, 1900, pl. XLV, fig. 1,
 (no description)
 Formation: Cretaceous
 Location: Near Albuquerque, New Mexico
- **worthense** n. sp. Adkins
 Univ. of Texas Bull. No. 1856, 1918, p. 91, pl. I, figs. 6-10, 18, 19, 26
 Formation: Cretaceous, Pawpaw
 Location: Fort Worth, Texas
- Mucronella aspera** (Ulrich) Weller
 Geol. Sur. N. J. Pal., vol. 4, 1907, p. 354, pl. XXVI, figs. 14, 15
 Formation: Cretaceous, Vincentown limestone
 Location: New Jersey; Maryland
- **aspera** (Ulrich) Bassler
 Maryland Geol. Sur., U. Cret., 1916, p. 743, pl. XLVI, figs. 8, 9
 Formation: Cretaceous, Rancocas
 Location: Delaware; New Jersey; Maryland
- **muralis** (Gabb & Horn) Weller
 Geol. Sur. N. J. Pal., vol. 4, 1907, p. 352, pl. XXVI, fig. 10
 Formation: Cretaceous, Vincentown limestone
 Location: New Jersey
- **pumila** (Gabb & Horn) Weller
 Geol. Sur. N. J. Pal., vol. 4, 1907, p. 355, pl. XXVI, figs. 16, 17
 Formation: Cretaceous, Vincentown limestone
 Location: New Jersey
- **typica** (Gabb & Horn) Weller

- Geol. Sur. N. J. Pal., vol. 4, 1907, p. 353, pl. XXVI, figs. 12, 13
 Formation: Cretaceous, Vincentown limestone
 Location: New Jersey
- Multicolumastrea** n. gen. Vaughan
 Harv. Coll. Mus. Comp. Zool. Bull., vol. 34, p. 236, no pl.
 Formation: Cretaceous, Blue Mountain series
- **cyathiformis** (Duncan) Vaughan
 Harv. Coll. Mus. Comp. Zool. Bull., vol. 34, p. 236, pl. XXXVII, figs. 5-7; pl. III, fig. 1
 Formation: Cretaceous, Blue Mountain series
 Location: Catadupa, Mount Hindmost, Parish of Clarendon, Jamaica
- Myalina ? platynotis** (White) Girty
 U. S. Geol. Sur. Prof. Paper 111, p. 648
 Formation: Triassic
 Location: Park City district, Utah
- Mycetopoda diluculi** n. sp. Wanner
 Phila. Acad. Nat. Sci. Proc., vol. 73, 1921, p. 36, pl. III, fig. 1
 Formation: Triassic
 Location: Little Conewago Creek, York Co., Penn.
- Myoconcha americana** n. sp. Stanton
 U. S. Geol. Sur. Bull. 133, 1895, p. 48, pl. II, fig. 11
 Formation: Cretaceous, Knoxville beds
 Location: California
- **borealis** n. sp. Lundgren
 Meddelelser om Grönland, vol. 19, 1895, p. 203, pl. IV, fig. 19
 Formation: Jurassic
 Location: Kap Stewart, east Greenland
- Myophoria suttonensis** n. sp. Clapp and Shimer
 Bost. Soc. Nat. Hist. Proc., vol. 34, No. 12, 1911, p. 433, pl. XLI, figs. 12-14
 Formation: Jurassic
 Location: Cowichan Lake, Vancouver Island
- Myrtaea** (Turton) Gardner
 Maryland Geol. Sur., U. Cret., 1916, p. 658, no pl.
 Formation: Cretaceous
 Location: Maryland
- **stephensoni** n. sp. Gardner
 Maryland Geol. Sur., U. Cret., 1916, p. 659, pl. XXXIX, figs. 10, 11
 Formation: Cretaceous, Monmouth
 Location: Maryland
- Mytilus dichotomus** n. sp. Cooper
 Cal. State Mining Bureau, Bull. No. 4, 1894, p. 49, pl. V, fig. 64
 Formation: Cretaceous
 Location: California
- **cf. lanceolatus** (Sowerby) Merriam
 Univ. Cal. Pub. Bull. Geol. vol. 2, 1901, p. 282, no pl.
 Formation: Cretaceous
 Location: John Day Basin, Oregon
- **nuntius** (Simi) Brug. Cragin
 U. S. Geol. Sur. Bull. 266, 1905, p. 48, pl. VI, figs. 4, 5
 Formation: Jurassic
 Location: Marlone, Texas
- **oblivius** (Whitfield) Weller

- Geol. Sur. N. J. Pal. vol. 4, 1907, p. 503, pl. LV, figs. 5-8
Formation: Cretaceous, Cliffwood clay, Wenonah sand
Location: New Jersey
- **pauperculus** (Gabb) Whiteaves
Can. Geol. Sur., Mesozoic Fossils, vol. 1, pt. 5, 1903, p. 394, no pl.
Formation: Cretaceous
Location: Vancouver Islands
- **smocki** n. sp. Weller
Geol. Sur. N. J. Pal., vol. 4, 1907, p. 502, pl. LV, figs. 1-4
Formation: Cretaceous, Navesink marl
Location: New Jersey
- **subarcuatus** (Meek and Hayden) Stanton and Hatcher
U. S. Geol. Sur. Bull. 257, 1905, p. 106, no pl.
Formation: Cretaceous, Judith River beds
Location: Montana
- Nannites** (Mojsisovics) Hyatt and Smith
U. S. Geol. Sur. Prof. Paper 40, 1905, p. 78, no pl.
Formation: Triassic
- **contractus** n. sp. Smith
U. S. Geol. Sur. Prof. Paper 83, 1914, p. 45, pl. XXI, figs. 13-17
Formation: Triassic
Location: West Humboldt range, Nevada
- **dieneri** n. sp. Hyatt and Smith
U. S. Geol. Sur. Prof. Paper 40, 1905, p. 79, pl. VII, figs. 5-25
Formation: Triassic
Location: California
- **dieneri** (Hyatt and Smith) Smith
Leland Stan. Jun. Univ., Pub. 1914, pl. III, figs. 4-8
Formation: Lower Triassic
Location: California
- Nannitinae** (Diener.) Hyatt and Smith
U. S. Geol. Sur. Prof. Paper 40, 1905, p. 77, no pl.
Formation: Triassic
- Nanno kingstonensis** n. sp. Whiteaves
Amer. Geol., vol. 35, 1905, p. 27, pl. III
Formation: Cretaceous
Location: Ontario, Canada
- **primaevus** n. sp. Whiteaves
Amer. Geol., vol. 35, 1905, p. 26, pl. II, figs. 3, 3a
Formation: Cretaceous
Location: Ontario, Canada
- Nassa globosa** (Gabb) Weller
Geol. Sur. N. J. Pal., vol. 4, 1907, p. 738, pl. LXXXVI, fig. 1
Formation: Cretaceous, Wenonah sand
Location: New Jersey; North Carolina; Mississippi
- Natica abyssina** (Morton) Whitfield
Geol. Sur. N. J., vol. 2, 1892, p. 175, pl. XXI, figs. 12, 13
Formation: Cretaceous, Middle Green Marls
Location: New Jersey
- **abyssina** Whitfield
Geol. Sur. N. J., vol. 2, 1892, p. 123, pl. XV, figs. 9-12
Formation: Cretaceous, Lower Green Marls
Location: New Jersey

- *abyssina* (Morton) Whitfield
 U. S. Geol. Sur. Mon. 18, 1892, p. 123, 175, pl. XV, figs. 9-12;
 pl. XXI, figs. 12, 13
 Formation: Cretaceous, Lower Green Marls
 Location: Mullica Hill, Trenton Falls, and Burlington, New Jersey
- (*Ampullina*) *altiterata* n. sp. Böse
 Inst. Geol. de México, Bol. 24, 1906, p. 61, Lám. XIII, figs. 2, 3, 7
 Formation: Cretaceous, Lower Senonian
 Location: Near Cárdenas, Mexico
- *biabiata* n. sp. Cragin
 U. S. Geol. Sur. Bull. 266, 1905, p. 95, pl. XX, figs. 9, 10
 Formation: Jurassic
 Location: Malone, Texas
- aff. *coilina* (Conr.) Böse
 Inst. Geol. de México, Bol. 25, 1910, p. 143, Lám. 30, figs. 7, 8
 Formation: Lower Cenomanian
 Location: Cerro Muleros, Mexico
- *finlayensis* n. sp. Cragin
 U. S. Geol. Sur. Bull. 266, 1905, p. 94, pl. XX, figs. 15, 16
 Formation: Jurassic
 Location: Malone, Texas
- *humilis* n. sp. Cragin
 Texas Geol. Sur., 4th Ann. Rept., 1893, p. 224, pl. XLVI, fig. 2
 Formation: Cretaceous, Lower Cross Timber Division
 Location: Southwest of Lewisville, on Timber creek, Texas
- *inflecta* n. sp. Cragin
 U. S. Geol. Sur. Bull. 266, 1905, p. 94, pl. XX, figs. 11, 12
 Formation: Jurassic
 Location: Malone, Texas
- *pedernalis* (Roem) Böse
 Inst. Geol. de México, Bol. 25, 1910, p. 142, Lám. 30, fig. 9
 Formation: Vraconian
 Location: Chihuahua
- sp. Adkins
 Univ. of Texas Bull. No. 1856, 1918, p. 140, pl. X, fig. 29
 Formation: Cretaceous, Weno
 Location: Gainesville, Texas
- sp. indt. Johnson
 Columbia Univ. Contr. Geol. Dept. Vol. X, No. 90, 1903, p. 128
 Formation: Cretaceous, Fort Pierre
 Location: Santa Rosa Mts., New Mexico
- sp. indt. Johnson
 School of Mines Quart., vol. 24, No. 2, 1903, p. 200
 Formation: Cretaceous, Fort Pierre shales
 Location: Santa Rosa Mts., New Mexico
- sp. Ravn
 Meddelelser om Grönland, vol. 45, 1911, p. 482
 Formation: Jurassic
 Location: "4 Saenkning," "Kloft I," Store Koldewey Island, Greenland
- sp. Ravn
 Copenhagen Univ. Min. and Geol. Mus. Comm. Paleont. No. 10,

1911, p. 482

Formation: Jurassic

Location: "Kloft I," Store Koldewey Island, Greenland

— *sp.* Stanton

U. S. Geol. Sur. Mon. 32, pt. 2, 1899, p. 630, no pl.

Formation: Jurassic

Location: Yellowstone National Park

— *striatacostata* n. sp. Cragin

Texas Geol. Sur., 4th Ann. Rept., 1893, p. 225, no pl.

Formation: Cretaceous, Eagle Ford Shale

Location: Four miles east of Whitesboro, Texas

— ? *texana* (Conrad) Hill

Wash. Biol. Soc. Proc., vol. 8, 1893, p. 32

Formation: Cretaceous

Location: Texas

— *williamsi* n. sp. Cragin

U. S. Geol. Sur. Bull. 266, 1905, p. 93, pl. XX, figs. 7, 8

Formation: Jurassic

Location: Malone, Texas

Nautilus (Gabb) *bryani* Whitfield

Geol. Sur. N. J., vol. 2, 1892, p. 244, pl. XXXVIII, figs. 5, 6

Formation: Cretaceous, Middle Green Marls

Location: New Jersey

— *bryani* (Gabb) Whitfield

U. S. Mon. 18, 1892, p. 244, pl. XXXVIII, figs. 5, 6

Formation: Cretaceous, Middle Marl beds

Location: Vincenttown, New Jersey

— *bryani* (Gabb) Weller

Geol. Sur. N. J. Pal., vol. 4, 1907, p. 818, pl. CI, figs. 1, 2

Formation: Cretaceous, Vincenttown limesand

Location: New Jersey

— *burkarti* n. sp. Aguilera

Com. Geol. de México, Bol. 1, 1895, p. 12, Lám. XXI, fig. 3

Formation: Jurassic

Location: Sierra de Catorce, San Luis Potosi, Mexico

— *burkarti* (Castillo and Aguilera ?) Cragin

U. S. Geol. Sur., Bull. 266, 1905, p. 100, pl. XXII, fig. 1

Formation: Jurassic

Location: Malone, Texas

— *campbelli* (Meek) Whiteaves

Geol. Sur. Can., Mesozoic Fossils, vol. 1, pt. 5, 1903, p. 327, no pl.

Formation: Cretaceous

Location: Northwest side of Hornby Island and Camox, Vancouver Island

— (*Cyrtotoceras*) *carlottensis* n. sp. Whiteaves

Can. Geol. Sur., Mesozoic Fossils, vol. 1, pt. 4, 1900, p. 269, no pl.

Formation: Cretaceous

Location: Maple Island; Skidegate Inlet; of the Queen Charlotte Islands

— *charlottensis* (Whiteaves) Anderson

Cal. Acad. Sci. Proc., 3d ser., vol. 2, No. 1, 1902, p. 78, no pl.

Formation: Cretaceous, Horsetown

Location: California

- **dekayi** (Morton) Whitfield
 Geol. Sur. N. J., vol. 2, 1892, p. 243, pl. XXXVII, figs. 1-6; pl. XXXVIII, figs. 1-4
 Formation: Cretaceous, Lower Green Marls
 Location: New Jersey
- **dekayi** (Morton) Whitfield
 U. S. Geol. Sur. Mon. 18, 1892, p. 243, pl. XXXVII, figs. 1-6; pl. XXXVIII, figs. 1-4
 Formation: Cretaceous, Lower Green Marls
 Location: Monmouth county, Mullica Hill, and Burlington, New Jersey
- **dekayi** (Morton) Weller
 Geol. Sur. N. J. Pal., vol. 4, 1907, p. 817, pl. C, figs. 1-5
 Formation: Cretaceous, Navesink marl; Red Bank sand
 Location: New Jersey
- **elegans** (Sowerby) Stanton
 U. S. Geol. Sur. Bull. 106, 1893, p. 163, pl. XXXV, fig. 1
 Formation: Cretaceous, Fort Benton Shales
 Location: Chippewa point on the Upper Missouri river, Montana
- **gabbi** n. sp. Anderson
 Cal. Acad. Sci. Proc., 3d ser. Geol., vol. 2, 1902, p. 77, no pl.
 Formation: Cretaceous, Upper Horsetown
 Location: Shasta county, California
- **hilli** n. sp. Shattuck
 U. S. Geol. Sur., Bull. 205, 1903, p. 35, pl. XXXIII, fig. 3, pl. XXIV, figs. 3, 4
 Formation: Cretaceous
 Location: Shoal creek, Austin, Texas
- **naufagus** n. sp. Cragin
 U. S. Geol. Sur. Bull. 266, 1905, p. 100, pl. XXIII, fig. 3; pl. XXIV, fig. 3
 Formation: Jurassic
 Location: Malone, Texas
- **sp. Adkins**
 Univ. of Texas Bull. No. 1856, 1918, p. 68, no pl.
 Formation: Cretaceous, Pawpaw
 Location: Teaxs
- **sp. Anderson**
 Cal. Acad. Sci. Proc., 3d ser. Geol., vol. 2, 1902, p. 78, no pl.
 Formation: Cretaceous
 Location: Santa Ana Mountains
- **suciensis** Whiteaves
 Geol. Sur. Can., Mesozoic Fossils, vol. 1, pt. 5, 1903, p. 327, no pl.
 Formation: Cretaceous
 Location: Sucia Islands
- **texanus** (Shumard ?) Stanton
 U. S. Geol. Sur., 17th Ann. Rept., pt. 1, 1896, p. 1030, no pl.
 Formation: Cretaceous, Eocene transition, Chico and Tejon
 Location: California
- **texanus** (Shum.) Cragin
 Texas Geol. Sur., 4th Ann. Rept., 1893, p. 236, no pl.
 Formation: Cretaceous, Fort Worth limestone
 Location: Texas

- **texanus** (Shumard) Shattuck
U. S. Geol. Sur. Bull. 205, 1903, p. 34, pl. XXIII, figs. 1, 2; pl. XXIV, figs. 1, 2
Formation: Cretaceous, Buda limestone
Location: Shoal creek, Austin, Texas; Fort Worth, Texas
- **texanus** (Shumard) Adkins
Univ. of Texas Bull. No. 1856, 1918, p. 68, no pl.
Formation: Cretaceous, Duck creek limestone to Buda limestone
Location: Teaxs
- **texanus** (Shumard) Adkins and Winton
Univ. of Texas Bull. No. 1945, 1919, p. 32, pl. XX, figs. 1, 2
Formation: Cretaceous, Washita series
Location: Teaxs
- **washitanus** n. sp. Cragin
Colo. Coll. Studies, 5th Ann. Pub., 1894, p. 67, no pl.
Formation: Cretaceous, Washita limestone
Location: Texas
- Neanites** n. subgen. Hyatt and Smith
U. S. Geol. Sur. Prof. Paper 40, 1905, p. 189, no pl.
- Nebrodités** n. gen. Burckhardt
Inst. Geol. de México, Bol. 29, 1912, p. 83
Formation: Jurassic
- (Burckhardt) Roig
Secretaria de Agr. Comercio y Trabajo Bol. Especial Habana, Cuba, 1920, p. 31
Formation: Jurassic
- **aff. agrigentinus** (Favre) Burckhardt
Inst. Geol. de México, Bol. 29, 1912, p. 90, Lám. XX, fig. 6; Lám. XXI, figs. 7-9
Formation: Jurassic, Kimeridgian
Location: San Pedro del Gallo, Durango
- **aff. agrigentinus** (E Favre) Roig
Secretaria de Agr. Comercio y Trabajo Bol. Especial Habana, Cuba 1920, p. 31, Lám. XIV, Figs. 2-2a
Formation: Jurassic, Kimeridgian
Location: Puerta del Ancón
- **crassicostatus** n. sp. Burckhardt
Inst. Geol. de México, Bol. 29, 1912, p. 93, Lám. XXI, figs. 1-3, 6
Formation: Jurassic, Kimeridgian
Location: San Pedro del Gallo, Durango
- **flexuosus** n. sp. Burckhardt
Inst. Geol. de México, Bol. 29, 1912, p. 92, Lám. XXI, figs. 4, 5, 10, 11
Formation: Jurassic, Kimeridgian
Location: San Pedro del Gallo, Durango
- **haizmanni** n. sp. Burckhardt
Inst. Geol. de México, Bol. 29, 1912, p. 89, Lám. XXII, Figs. 2-4
Formation: Jurassic, Kimeridgian
Location: San Pedro del Gallo, Durango
- **nodosocostatus** n. sp. Burckhardt
Inst. Geol. de México, Bol. 29, 1912, p. 98, Lám. XXIII, figs. 1-5
Formation: Jurassic, Kimeridgian
Location: San Pedro del Gallo, Durango
- sp. (aff. **Nodosocostatus** Burckhardt) Roig

- Secretaria de Agr. Comercio y Trabajo Bol. Especial 1920, p. 32,
Habana, Cuba
Formation: Jurassic
Location: Cuba
- *quenstedti* n. sp. Burckhardt
Inst. Geol. de México, Bol. 29, 1912, p. 100, Lám. XXIV, figs. 1-4
Formation: Jurassic, Kimeridgian
Location: San Pedro del Gallo, Durango
- *rota* n. sp. Burckhardt
Inst. Geol. de México, Bol. 29, 1912, p. 96, Lám. XXII, figs. 1, 9-11
Formation: Jurassic, Kimeridgian
Location: San Pedro del Gallo, Durango
- sp. (Stanton) Roig
Secretaria de Agr. Comercio y Trabajo, Bul. Especial, Habana,
Cuba, p. 33, Lám. XIV, fig. 1
Formation: Jurassic
Location: Viñales
- *zitteli* n. sp. Burckhardt
Inst. Geol. de México, Bol. 29, 1912, p. 95, Lám. XXII, figs. 5-8
Formation: Jurassic, Kimeridgian
Location: San Pedro del Gallo, Durango
- Neithea altana* n. sp. Kniker
Univ. of Texas Bull. No. 1817, 1918, p. 36, pl. VII, figs. 1-3
Formation: Cretaceous, Georgetown
Location: Austin, Texas
- *austinensis* n. sp. Kniker
Univ. of Texas Bull., No. 1817, 1918, p. 46, pl. IX, figs. 4-6; pl.
X, fig. 2
Formation: Cretaceous, Austin chalk
Location: Austin, Texas
- *bellula* (Cragin) Kniker
Univ. of Texas Bull., No. 1817, 1918, p. 22, pl. III, figs. 3-11
Formation: Cretaceous, Georgetown
Location: Austin, Texas
- *boesi* n. sp. Kniker
Univ. of Texas Bull., No. 1817, 1918, p. 42, pl. VIII, figs. 11-19
Formation: Cretaceous, Buda
Location: Austin; Round Rock
- *budensis* n. sp. Kniker
Univ. of Texas Bull., No. 1817, 1918, p. 36, pl. VII, figs. 4-12
Formation: Cretaceous, Buda
Location: Austin; Round Rock; Manchaca
- *casteeli* n. sp. Kniker
Univ. of Texas Bull., No. 1817, 1918, p. 51, pl. X, figs. 7-11
Formation: Cretaceous
Location: Austin, Texas
- *duplicicosta* (Roem.) Kniker
Univ. of Texas Bull., No. 1817, 1918, p. 19, pl. II, figs. 7, 8; pl.
III, figs. 1, 2
Formation: Cretaceous, Edwards
Location: Austin, Texas
- *georgetownensis* n. sp. Kniker
Univ. of Texas Bull., No. 1817, p. 31, pl. VI, 1918, figs. 1-3

- Formation: Cretaceous, Georgetown
Location: Austin, Texas
- *georgetownensis* n. sp. var. *subirregularis* n. var. Kniker
Univ. of Texas Bull., No. 1817, 1918, p. 33, pl. VI, figs. 4, 5
Formation: Cretaceous, Georgetown
Location: Austin, Texas
- *hartmani* n. sp. Kniker
Univ. of Texas Bull., No. 1817, 1918, p. 48, pl. X, figs. 3-6, 12
Formation: Cretaceous, Austin chalk
Location: Walnut creek, Sprinkle, Texas
- *irregularis* (Boese) Kniker
Univ. of Texas Bull. No. 1817, 1918, p. 18, pl. II, figs. 1-6
Formation: Cretaceous, Walnut and Glen Rose
Location: Mount Bonnell and Mount Barker, Austin, Texas
- *quinquecostata* ? Harris and Veatch
Geol. Sur. La. Rept. 1899, p. 294, pl. XLIX, figs. 6, 7
Formation: Cretaceous
Location: Rayburn's Salt Works, Bienville Parish, Louisiana
- *quinquecostata* (Sowerby) Weller
Geol. Sur. N. J. Pal., vol. 4, p. 481, pl. LI, figs. 7-12
Formation: Cretaceous, Merchantville clay-marl, Marshalltown
clay-marl, Navesink marl
Location: New Jersey
- *roemeri* (Hill) Kniker
Univ. of Texas Bull., No. 1817, 1918, p. 43, pl. IX, figs. 1-3; pl. X, fig. 1
Formation: Cretaceous, Buda
Location: Austin, Texas
- *simondsi* n. sp. Kniker
Univ. of Texas Bull., No. 1817, 1918, p. 41, pl. VIII, figs. 1-10
Formation: Cretaceous, Buda
Location: Austin; Manchaca; Round Rock
- *subalpina* (Boese) Kniker
Univ. of Texas Bull. 1817, 1918, p. 28, pl. V, fig. 4
Formation: Cretaceous, Del Rio, Buda
Location: Austin; San Marcos, Buda, Manchaca
- *subalpina* (Boese) var. *linki* n. var. Kniker
Univ. of Texas Bull., No. 1817, 1918, p. 30, pl. V, figs. 5, 6
Formation: Cretaceous, Georgetown
Location: Austin, Texas
- *texana* (Roem.) Kniker
Univ. of Texas Bull., No. 1817, 1918, p. 25, pl. IV, figs. 4-7; pl. V, fig. 1
Formation: Cretaceous, Georgetown
Location: Austin, Texas
- *texana* (Roem.) var. *elongata* (Boese) Kniker
Univ. of Texas Bull., No. 1817, 1918, p. 28, pl. V, figs. 2, 3
Formation: Cretaceous, Del Rio and Buda
Location: Austin; San Marcos
- *throdori* n. sp. Kniker
Univ. of Texas Bull., No. 1817, 1918, p. 34, pl. VI, figs. 6-9
Formation: Cretaceous, Georgetown
Location: Austin, Texas

- *whitneyi* n. sp. Kniker
Univ. of Texas Bull., No. 1817, 1918, p. 39, pl. VII, figs. 13-17
Formation: Cretaceous, Buda
Location: Austin and Manchaca
- *wrighti* (Shumard) Kniker
Univ. of Texas Bull., No. 1817, 1918, p. 23, pl. IV, figs. 1-3
Formation: Cretaceous, Georgetown
Location: Austin, Texas
- Nemoarca cretacea* (Conrad) Weller
Geol. Sur. N. J. Pal., vol. 4, 1907, p. 413, pl. XXX, figs. 25, 26
Formation: Cretaceous, Merchantville clay-marl, Woodbury
clay, Wenonah and Red Bank sand
Location: New Jersey
- Nemodon* — see *Arca*
- Nemodon* (Conrad) Gardner
Maryland Geol. Sur., U. Cret., 1916, p. 524, no pl.
Formation: Cretaceous
- *angulatum* (Gabb) Weller
Geol. Sur. N. J. Pal., vol. 4, 1907, p. 388, pl. XXX, fig. 15
Formation: Cretaceous, Navesink marl
Location: Burlington county, New Jersey
- *brevifrons* (Conrad) Weller
Geol. Sur. N. J. Pal., vol. 4, 1907, p. 389, pl. XXX, figs. 12-14
Formation: Cretaceous, Cliffwood clay, Wenonah sand
Location: New Jersey
- *cecilius* n. sp. Gardner
Maryland Geol. Sur., U. Cret., 1916, p. 528, pl. XX, figs. 5-7
Formation: Cretaceous, Monmouth
Location: Maryland
- *conradi* (Johnson) Weller
Geol. Sur. N. J. Pal., vol. 4, 1907, p. 387, pl. XXX, fig. 7
Formation: Cretaceous, Woodbury clay
Location: Near Haddonfield, New Jersey
- *eufalensis* (Gabb) Gardner
Maryland Geol. Sur., U. Cret., 1916, p. 525, pl. XX, figs. 3, 4
Formation: Cretaceous, Monmouth, Matawan, Ripley
Location: Maryland; New Jersey; Alabama; Mississippi
- *mcconelli* n. sp. McLearn
Can. Dept. Mines Mus. Bull., 29, 1919, p. 10, pl. III, fig. 6
Formation: Cretaceous, Peace River formation
Location: Peace River, Alberta
- *eufaulensis* (Gabb) Weller
Geol. Sur. N. J. Pal., vol. 4, 1907, p. 385, pl. XXX, figs. 8-11
Formation: Cretaceous, Merchantville clay marl, etc.
Location: New Jersey
- *stantoni* n. sp. Gardner
Maryland Geol. Sur., U. Cret., 1916, p. 527, pl. XIX, fig. 15
Formation: Cretaceous, Monmouth
Location: Maryland
- *sulcatus* (Evans and Shumard sp. ?) Stanton
U. S. Geol. Sur. Bull. 106, 1893, p. 91, pl. XXI, fig. 5
Formation: Cretaceous, Montana
Location: Near Grand river, Dakota
- *sulcatus* (Evans and Shumard) Herrick and Johnson

- Denison Univ. Sci. Lab. Bull., 1900, vol. 11, art. 9, pl. XXXVIII, fig. 5, (no description)
 Formation: Cretaceous
 Location: Near Albuquerque, New Mexico
- Neocomites densestriatus** n. sp. Burckhardt
 Inst. Geol. de México, Bol. 29, 1912, p. 190, Lám. XLV, figs. 1-15, 19
 Formation: Cretaceous, Berriasian
 Location: Cerro del Aguajito, Durango
- **praeneocomiensis** n. sp. Burckhardt
 Inst. Geol. de México, Bol. 29, 1912, p. 193, Lám. XLV, figs. 16-18, 20, 21-23
 Formation: Cretaceous, Berriasian
 Location: Cerro del Aguajito, Durango
- sp. indt. Burckhardt
 Inst. Geol. de México, Bol. 29, 1912, p. 195, Lám. XLVI, figs. 1, 3
 Formation: Cretaceous, Berriasian
 Location: Cerro del Aguajito, Durango
- Neoptychites** aff. **cephalotus** (Courtillet) Böse
 Univ. of Texas Bull., No. 1856, 1918, p. 221, pl. XVIII, figs. 3, 10, 13
 Formation: Cretaceous, Lower Turonian (Salmurian)
 Location: Mexico
- aff. **xetriformis** (Pervinquiere) Böse
 Univ. of Texas Bull., No. 1856, 1918, p. 223, pl. XVIII, figs. 9, 11
 Formation: Cretaceous, Lower Turonian (Salmurian)
 Location: Mexico
- Neptunea** — see **Fusus**
- Neptunella mullicaensis** n. sp. Whitfield
 Geol. Sur. N. J., vol. 2, 1892, p. 56, pl. IV, figs. 20, 21
 Formation: Cretaceous, Lower Green Marls
 Location: New Jersey
- **mullicaensis** n. sp. Whitfield
 U. S. Geol. Sur., Mon. 18, 1892, p. 56, pl. IV, figs. 20, 21
 Formation: Cretaceous, Lower Green Marls
 Location: Mullica Hill, New Jersey
- (? **Nereis**) **incognita** n. sp. Cragin
 Amer. Geol., vol. 14, 1894, p. 1, pl. I, figs. 20-22
 Formation: Cretaceous, Neocomian
 Location: Belvidere, Kansas
- Nerinaea austinensis** (Roemer) Hill
 Wash. Biol. Soc. Proc., vol. 8, 1893, p. 36, no pl.
 Formation: Cretaceous
 Location: Texas
- (**Plesioptygmatis**) **burckhardti** n. sp. Böse
 Inst. Geol. de México, Bol. 24, 1906, p. 66, Lám. XV, figs. 3-13
 Formation: Cretaceous, Senonian
 Location: Between Cárdenas and Escontria, Mexico
- **circumvaluta** n. sp. Cragin
 U. S. Geol. Sur., Bull. 266, 1905, p. 97, pl. XXI, figs. 4, 5
 Formation: Jurassic
 Location: Malone, Texas
- (**Plesioptygmatis**) nov. subgen. Böse
 Inst. Geol. de México, Bol. 24, 1906, p. 65, Lám. XV, figs. 3-13

- **dispar** ? (Gabb var.) *Whiteaves*
 Can. Geol. Sur., Mesozoic Fossils, vol. 1, pt. 5, 1903, p. 363, no pl.
 Formation: Cretaceous
 Location: Hornby Island
- **dispar** ? (Gabb) *Whiteaves*
 Can. Roy. Soc. Proc. and Trans., 2d ser., vol. 1, sec. 4, 1896, p. 127,
 pl. III, fig. 4
 Formation: Cretaceous
 Location: Hornby Island
- **cf. forojuliensis** (Pirone) Bohm
 Zeit. Deut. Geol. Gesell., vol. 50, 1898, p. 330, figs. 9, 10
 Formation: Cretaceous
 Location: Cerro Escamela, Orizaba, Mexico
- Nerinea goodellii** n. sp. Cragin
 U. S. Geol. Sur., Bull. 266, 1905, p. 96, pl. XXI, figs. 1-3
 Formation: Jurassic
 Location: Malone, Texas
- **hicoloriensis** n. sp. Cragin
 Texas Geol. Sur., 4th Ann. Rept., 1893, p. 225, pl. XLII, figs. 6, 7
 Formation: Cretaceous, Dinosaur sands
 Location: Hickory creek, Travis county, Texas
- **pellucida** n. sp. Cragin
 Texas Geol. Sur., 4th Ann. Rept., 1893, p. 226, pl. XLII, fig. 5
 Formation: Cretaceous, Caprina limestone
 Location: Austin, Texas
- **sp. Boehm**
 Zeit. Deut. Geol. Gesell., vol. 50, 1898, p. 331, fig. 11
 Formation: Cretaceous
 Location: Cerro Escamela, Orizaba, Mexico
- **volana** n. sp. Cragin
 Texas Geol. Sur., 4th Ann. Rept., 1893, p. 226, pl. XLII, fig. 8
 Formation: Cretaceous, Vola limestone
 Location: On San Gabriel, six miles below Georgetown, Texas
- Nerinea stantoni** n. sp. Cragin
 U. S. Geol. Sur., Bull. 266, 1905, p. 98, pl. XXI, figs. 6-9
 Formation: Jurassic
 Location: Malone, Texas
- Nerita finlayensis** n. sp. Cragin
 U. S. Geol. Sur., Bull. 266, 1905, p. 90, pl. XIX, fig. 15
 Formation: Jurassic
 Location: Texas
- **nodilirata** n. sp. Cragin
 U. S. Geol. Sur. Bull. 266, 1905, p. 90, pl. XX, figs. 1-4
 Formation: Jurassic
 Location: Texas
- **peroblata** n. sp. Cragin
 U. S. Geol. Sur. Bull. 266, 1905, p. 91, pl. XIX, figs. 16, 17
 Formation: Jurassic
 Location: Malone, Texas
- **sp. Adkins**
 Univ. of Texas Bull., No. 1856, 1918, p. 139, pl. X, fig. 28
 Formation: Cretaceous, Weno
 Location: Gainesville, Texas

Neritina aparata n. sp. Cragin

Texas Geol. Sur., 4th Ann. Rept., 1893, p. 227, pl. XLVI, fig. 14

Formation: Cretaceous, Caprina beds

Location: Big Springs, Howard Co., Texas

— **baueri** Stanton n. sp.

U. S. Geol. Sur. Prof. Paper 98, 1916, p. 317, pl. LXXXIII, figs. 1-4

Formation: Upper Cretaceous

Location: San Juan Basin, New Mexico

— **incompta** (White) Stanton

U. S. Geol. Sur. Bull. 106, 1893, p. 128, pl. XXVIII, figs. 4, 5

Formation: Cretaceous

Location: Sulphur creek valley, near Hillard Station, Wyoming

— **naticiformis** (White) White

U. S. Geol. Sur. Bull. 128, 1895, p. 49, pl. VI, figs. 10-12

Formation: Cretaceous, Bear river formation

Location: Near Cokeville, Wyoming

— (**Velatella**) **patelliformis** (Meek) Stanton

U. S. Geol. Sur. Bull. 106, 1893, p. 128, pl. XXVIII, figs. 6-10

Formation: Cretaceous

Location: Coalville, Utah, and at Bear River City, Wyoming

— (**Velatella**) sp. Stanton

U. S. Geol. Sur. Prof. Paper 98, 1916, p. 318, no pl.

Formation: Upper Cretaceous

Location: San Juan Basin, New Mexico

— **pisum** (Meek) Stanton

U. S. Geol. Sur. Bull. 106, 1893, p. 127, pl. XXVIII, figs. 1-3

Formation: Cretaceous

Location: Coalville, Utah

— sp. Adkins

Univ. of Texas Bull. No. 1856, 1918, p. 139, pl. X, fig. 27

Formation: Cretaceous, Weno

Location: Gainesville, Texas

-- sp. indt. Böse

Inst. Geol. de México, Bol. 25, 1910, p. 141, Lám. XXX, figs. 5, 6

Formation: Vraconian

Location: Cerro Muleros, Mexico

— sp. Stanton and Hatcher

U. S. Geol. Sur. Bull. 257, 1905, p. 113, no pl.

Formation: Cretaceous, Judith river beds

Location: Montana

-- sp. indt. Hill

Wash. Biol. Soc. Proc., vol. 8, 1893, p. 37, no pl.

Formation: Cretaceous, Base of Glen Rose

Location: Arkansas; Texas

— **stantoni** n. sp. White

U. S. Geol. Sur. Bull. 128, 1895, p. 49, pl. VI, figs. 16, 17, 18

Formation: Cretaceous, Bear river formation

Location: Near Cokeville, Wyoming

— **wyomingensis** n. sp. Stanton

U. S. Geol. Sur. Mon. 32, pt. 2, 1899, p. 629, pl. LXXV, figs. 4, 5

Formation: Jurassic, Ellis formation

Location: Yellowstone National Park

Neritoma marcouana n. sp. Cragin

Colo. Coll. Studies, 5th Ann. Pub., 1894, p. 62, no pl.

Formation: Cretaceous, Kiowa Shales

Location: Kansas

— (?) (Oncochilus) occidentalis n. sp. Whitfield and Hovey

Bull. Amer. Mus. Nat. Hist., vol. 22, 1906, p. 399, pl. L, figs. 1-6

Formation: Jurassic

Location: Black Hills

Neritopsis biangulatus (Shum.) Cragin

Texas Geol. Sur., 4th Ann. Rept., 1893, p. 227, no pl.

Formation: Cretaceous, Eagle Ford Shale

Location: Four miles east of Whitesboro, Texas

— tramitensis n. sp. Cragin

Texas Geol. Sur., 4th Ann. Rept., 1893, p. 227, no pl.

Formation: Cretaceous, Lower Cross Timber Sandstone

Location: Bear creek, Tarrant county, near Dallas, Tarrant county line, Texas

Neumayria — see Oppelia**— crucis n. sp. Burckhardt**

Inst. Geol. de México, Bol. 29, 1912, p. 48, Lám. X, figs. 4-6, 8

Formation: Jurassic, Kimeridgian

Location: San Pedro del Gallo, Durango

— nikitin Burckhardt

Inst. Geol. de México, Bol. 23, 1906, p. 9

Formation: Jurassic

Location: Mexico

— ordóñezi n. sp. Burckhardt

Inst. Geol. de México, Bol. 23, 1906, p. 11, Lám. I, figs. 5-7; pl. II, figs. 1-4

Formation: Jurassic, Kimeridgian

Location: Mazapil, Mexico

— profulgens n. sp. Burckhardt

Inst. Geol. de México, Bol. 23, 1906, p. 10, Lám. I, figs. 1-4

Formation: Jurassic, Kimeridgian

Location: Mazapil, Mexico

— subbrasilis n. sp. Burckhardt

Inst. Geol. de México, Bol. 23, 1906, p. 127, Lám. XXXIV, figs. 8-14

Formation: Jurassic, Portlandian

Location: Mazapil, Mexico

— walcotti Hill

Wash. Biol. Soc. Proc., vol. 8, 1893, p. 37, pl. VIII, figs. 1-3

Formation: Cretaceous

Location: Arkansas

Nevadites n. gen. Smith

U. S. Geol. Sur. Prof. Paper 83, 1914, p. 121, no pl.

— fontainei n. sp. Smith

U. S. Geol. Sur. Prof. Paper 83, 1914, p. 122, pl. XLI, figs. 16-27; pl. LI, figs. 1-9

Formation: Triassic

Location: West Humboldt range, Nevada

— humboldtensis n. sp. Smith

U. S. Geol. Sur. Prof. Paper 83, 1914, p. 123, pl. LXXVIII, figs. 1-3; pl. LXXIX, figs. 1-10

- Formation: Triassic
Location: West Humboldt range, Nevada
- **hyatti** Smith
U. S. Geol. Sur. Prof. Paper 83, 1914, p. 124, pl. LXXVII, figs. 1-13
Formation: Triassic
Location: West Humboldt range, Nevada
- **merriami** n. sp. Smith
U. S. Geol. Sur. Prof. Paper 83, 1914, p. 125, pl. LXXV, figs. 1-14,
pl. LXXXVI, figs. 1-16
Formation: Triassic
Location: West Humboldt range, Nevada
- **sindairi** n. sp. Smith
U. S. Geol. Sur. Prof. Paper 83, 1914, p. 126, pl. LXXXI, figs.
17-19; pl. LXXXII, figs. 1-3
Formation: Triassic
Location: West Humboldt range, Nevada
- **whitneyi** (Gabb) Smith
U. S. Geol. Sur. Prof. Paper 83, 1914, p. 126, pl. XLVIII, figs. 4, 5;
pl. LXXX, figs. 1-8; pl. LXXXI, figs. 1-16
Formation: Triassic
Location: West Humboldt range, Nevada
- Nodosaria acuminata** (Reuss) Weller
Geol. Sur. N. J. Pal., vol. 4, 1907, p. 205, no pl.
Formation: Cretaceous, Vincentown limesand
Location: Vincentown, New Jersey
- **acuminata** (Reuss) Baggs
U. S. Geol. Sur. Bull. 88, 1898, p. 36, no pl.
Formation: Cretaceous, Rancocas
Location: New Jersey
- **adolphina** (d'Orbigny) Weller
Geol. Sur. N. J. Pal., vol. 4, 1907, p. 206, pl. I, fig. 42
Formation: Cretaceous, Vincentown limesand
Location: Swedesboro, New Jersey
- **adolphinula** (d'Orbigny) Baggs
U. S. Geol. Sur. Bull. 88, 1898, p. 37, no pl.
Formation: Cretaceous to Recent, Rancocas
Location: New Jersey
- **annulata** (Reuss) Baggs
U. S. Geol. Sur. Bull. 88, 1898, p. 37, no pl.
Formation: Cretaceous, Monmouth and Rancocas
Location: New Jersey
- **annulata** (Reuss) Weller
Geol. Sur. N. J. Pal., vol. 4, 1907, p. 207
Formation: Cretaceous, Navesink marl
Location: Freehold, New Jersey
- **communis** (d'Orbigny) Woodward
New York Microscopical Soc. Journ., vol. X, No. 4, 1894, p. 103
Formation: Cretaceous
Location: Mullica Hill, New Egypt, Timber Creek, and Cross-
wick's Creek, New Jersey
- **communis** (d'Orbigny) Woodward and Thomas
Minn. Geol. and Nat. Hist. Sur., vol. 3, pt. 1, p. 36, 1895, pl. D,
figs. 7, 8

- Formation: Cretaceous
Location: Nebraska
- *communis* (d'Orbigny) Baggs
U. S. Geol. Sur. Bull. 88, 1898, p. 37, no pl.
Formation: Monmouth and Rancocas
Location: New Jersey
- *communis* (d'Orbigny) Weller
Geol. Sur. N. J. Pal., vol. 4, 1907, p. 207
Formation: Cretaceous, Navesink marl
Location: New Jersey
- *consobrina* (d'Orbigny) Baggs
U. S. Geol. Sur. Bull. 88, 1898, p. 38, no pl.
Formation: Cretaceous to Recent, Matawan
Location: New Jersey
- *consobrina* (d'Orbigny) Weller
Geol. Sur. N. J. Pal., vol. 4, 1907, p. 208, pl. I, figs. 48, 49
Formation: Cretaceous, Marshalltown clay marl
Location: Marshalltown, New Jersey
- *consobrina* var. *emaciata* (Reuss) Baggs
U. S. Geol. Sur. Bull. 88, 1898, p. 38, no pl.
Formation: Cretaceous, Matawan and Rancocas
Location: New Jersey
- *consobrina* var. *emaciata* (Reuss) Weller
Geol. Sur. N. J. Pal., vol. 4, 1907, p. 209, pl. I, figs. 45, 46
Formation: Cretaceous, Vincentown limesand
Location: Vincentown, New Jersey
- *farcimen* (Soldani) Baggs
U. S. Geol. Sur. Bull. 88, 1898, p. 38, no pl.
Formation: Cretaceous, Rancocas
Location: New Jersey
- *farcimen* (Soldani) Weller
Geol. Sur. N. J. Pal., vol. 4, 1907, p. 210, pl. I, fig. 50
Formation: Cretaceous, Vincentown limesand
Location: New Egypt, New Jersey
- *filiformis* (d'Orbigny) Woodward
New York Microscopical Soc. Journ., vol. X, No. 4, 1894, p. 105
Formation: Cretaceous
Location: Mullica Hill and Timber Creek, New Jersey
- *filiformis* (d'Orbigny) Baggs
U. S. Geol. Sur. Bull. 88, 1898, p. 39, no pl.
Formation: Cretaceous, Monmouth and Rancocas
Location: New Jersey
- *filiformis* (d'Orbigny) Weller
Geol. Sur. N. J. Pal., vol. 4, 1907, p. 211, pl. I, fig. 47
Formation: Cretaceous, Navesink marl
Location: New Jersey
- *indifferens* (Reuss) Baggs
U. S. Geol. Sur. Bull. 88, 1898, p. 39, no pl.
Formation: Cretaceous
Location: New Jersey
- *indifferens* (Reuss) Weller
Geol. Sur. N. J. Pal., vol. 4, 1907, p. 211
Formation: Cretaceous, Navesink marl

- Location: New Jersey
 — *inornata* (d'Orbigny) Baggs
 U. S. Geol. Sur. Bull. 88, 1898, p. 39, no pl.
 Formation: Cretaceous
 Location: New Jersey
- *inornata* (d'Orbigny) Weller
 Geol. Sur. N. J. Pal., vol. 4, 1907, p. 212, no pl.
 Formation: Cretaceous, Marshalltown clay-marl
 Location: New Jersey
- *laevigata* (d'Orbigny) Baggs
 U. S. Geol. Sur. Bull. 88, 1898, p. 40, no pl.
 Formation: Cretaceous
 Location: New Jersey
- *laevigata* (d'Orbigny) Weller
 Geol. Sur. N. J. Pal., vol. 4, 1907, p. 212, pl. I, figs. 51-54
 Formation: Cretaceous, Vincentown limesand
 Location: New Jersey
- *longiscata* (d'Orbigny) Baggs
 U. S. Geol. Sur. Bull. 88, 1898, p. 40
 Formation: Cretaceous
 Location: New Jersey
- *longiscata* (d'Orbigny) Weller
 Geol. Sur. N. J. Pal., vol. 4, 1907, p. 213
 Formation: Cretaceous, Manasquan marl
 Location: Vincentown, New Jersey
- *multicostata* (d'Orbigny) Baggs
 U. S. Geol. Sur. Bull. 88, 1898, p. 40, no pl.
 Formation: Cretaceous, Rancocas
 Location: New Jersey
- *multicostata* (d'Orbigny) Weller
 Geol. Sur. N. J. Pal., vol. 4, 1907, p. 214, no pl.
 Formation: Cretaceous, Horsetown marl
 Location: Blue Ball, New Jersey
- *nitida* (d'Orbigny) Baggs
 U. S. Geol. Sur. Bull. 88, 1898, p. 41, no pl.
 Formation: Cretaceous, Rancocas
 Location: New Jersey
- *nitida* (d'Orbigny) Weller
 Geol. Sur. N. J. Pal., vol. 4, 1907, p. 214, pl. II, fig. 14
 Formation: Cretaceous, Horsetown marl
 Location: Blue Ball, New Jersey
- *obliqua* (Linné) Woodward
 New York Microscopical Soc. Journ., vol. X, No. 4, 1894, p. 105
 Formation: Cretaceous
 Location: Mullica Hill, Timber Creek, and Harrisonville, New Jersey
- *obliqua* (Linné) Baggs
 U. S. Geol. Sur. Bull. 88, 1898, p. 41, no pl.
 Formation: Matawan, Monmouth, Rancocas, and Manasquan
 Location: New Jersey
- *obliqua* (Linné) Weller
 Geol. Sur. N. J. Pal., vol. 4, 1907, p. 215, pl. II, figs. 12, 13
 Formation: Cretaceous, Marshalltown clay-marl

- Location: New Jersey
- **pauperata** (d'Orbigny) Baggs
U. S. Geol. Sur. Bull. 88, 1898, p. 42, no pl.
Formation: Cretaceous, Manasquan
Location: New Jersey
- **pauperata** (d'Orbigny) Weller
Geol. Sur. N. J. Pal., vol. 4, 1907, p. 216, pl. II, figs. 6-8
Formation: Cretaceous, Mansquan marl
Location: Vincenttown, New Jersey
- **polygona** (Reuss) Baggs
Johns Hop. Univ. Cir., vol. 15, No. 121, 1895, p. 11
Formation: Cretaceous, Navesink
Location: Cream Ridge, N. J.
- **polygona** (Reuss) Baggs
U. S. Geol. Sur. Bull. 88, 1898, p. 42, no pl.
Formation: Cretaceous
Location: New Jersey
- **polygona** (Reuss) Weller
Geol. Sur. N. J. Pal., vol. 4, 1907, p. 217, pl. II, figs. 9-11
Formation: Cretaceous, Marshalltown clay marl
Location: Marshalltown, New Jersey
- **radicula** (Linné) Woodward
New York Microscopical Soc. Journ., vol. X, No. 4, 1894, p. 107
Formation: Cretaceous
Location: Timber Creek, New Jersey
- **radicula** (Linné) Baggs
U. S. Geol. Sur. Bull. 88, 1898, p. 42, no pl.
Location: New Jersey
Formation: Cretaceous, Rancocas
- **radicula** (Linné) Weller
Geol. Sur. N. J. Pal., vol. 4, 1907, p. 218, pl. II, fig. 5
Formation: Cretaceous, Vincenttown limesand
Location: New Jersey
- **raphanistrum** (Linné) Woodward
New York Microscopical Soc. Journ., vol. X, No. 4, 1894, p. 110
Formation: Cretaceous
Location: Mullica Hill and Timber Creek, New Jersey
- **raphanus** (Linné) Woodward
New York Microscopical Soc. Journ., vol. X, No. 4, 1894, p. 108
Formation: Cretaceous
Location: Timber Creek, New Jersey
- **raphanus** (Linné) Baggs
U. S. Geol. Sur. Bull. 88, 1898, p. 43, no pl.
Formation: Cretaceous, Rancocas
Location: New Jersey
- **raphanus** (Linné) Weller
Geol. Sur. N. J. Pal., vol. 4, 1907, p. 218, pl. II, figs. 3, 4
Formation: Cretaceous, Vincenttown limesand
Location: New Jersey
- **roemeri** (Neugoboren) Baggs
U. S. Geol. Sur. Bull. 88, 1898, p. 43, no pl.
Formation: Cretaceous
Location: New Jersey

- **roemeri** (Neugoboren) Weller
 Geol. Sur. N. J. Pal., vol. 4, 1907, p. 219, pl. II, figs. 1, 2
 Formation: Cretaceous, Marshalltown clay marl
 Location: New Jersey
- **rotaundata** (Reuss) Bagg
 U. S. Geol. Sur. Bull. 88, 1898, p. 43, no pl.
 Formation: Cretaceous
 Location: New Jersey
- **rotundata** (Reuss) Weller
 Geol. Sur. N. J. Pal., vol. 4, 1907, p. 220, no pl.
 Formation: Cretaceous, Vincentown limesand
 Location: New Jersey
- **scabra** (Reuss) Bagg
 U. S. Geol. Sur. Bull. 88, 1898, p. 43, no pl.
 Formation: Cretaceous
 Location: New Jersey
- **scabra** (Reuss) Weller
 Geol. Sur. N. J. Pal., vol. 4, 1907, p. 220, no pl.
 Formation: Cretaceous, Manasquan marl
 Location: Vincentown, New Jersey
- **scalaris** (Batsch) Woodward
 New York Microscopical Soc. Journ., vol. X, No. 4, 1894, p. 110
 Formation: Cretaceous
 Location: Mullica Hill and Timber Creek, New Jersey
- **(D) scuta** (Reuss) Woodward
 New York Microscopical Soc. Journ., vol. X, No. 4, 1894, p. 112
 Formation: Cretaceous
 Location: Timber Creek, New Jersey
- **sp. Calvin**
 Iowa Geol. Sur., vol. III, 2d Ann. Rept., 1895, p. 229, pl. XIX, figs. 11, 12, 13
 Formation: Cretaceous
 Location: St. Helena, Nebraska; Yankton, S. Dakota
- **sp. Stanton and Vaughan**
 U. S. Prof. Paper 128 A, 1920, p. 18, pl. I, fig. 13
 Formation: Cretaceous, Cannonball
 Location: Lark, N. Dakota
- **spinulosa** (Montague) Bagg
 U. S. Geol. Sur. Bull. 88, 1898, p. 44, no pl.
 Formation: Cretaceous
 Location: New Jersey
- **spinulosa** (Montague) Weller
 Geol. Sur. N. J. Pal., vol. 4, 1907, p. 221, no pl.
 Formation: Cretaceous, Manasquan marl
 Location: Vincentown, New Jersey
- **texana** (Conrad) Böse
 Inst. Geol. de México, Bol. 25, 1910, p. 177, Lám. XXXV, figs. 4-6, 9; Lám. XLV, fig. 3
 Formation: Cenomanian
 Location: Cerro Muleros
- **texana** (Conrad) Adkins
 Univ. of Texas Bull. No. 1856, 1918, p. 145, pl. XI, fig. 2
 Formation: Cretaceous, Weno, Pawpaw

- Location: North Texas
- *texana* (Conrad) Adkins and Winton
 Univ. of Texas Bull. 1945, 1949, p. 76, pl. XIX, figs. 1, 2; pl. XXI
 Formation: Cretaceous, Weno to Pawpaw
 Location: Texas
- *vertebralis* (Batsch) Woodward
 New York Microscopical Soc. Journ., vol. X, No. 4, 1894, p. 113
 Formation: Cretaceous
 Location: Mullica Hill and Timber Creek, New Jersey
- *vertebralis* (Batsch) Baggs
 U. S. Geol. Sur. Bull. 88, 1898, p. 44, no pl.
 Formation: Cretaceous
 Location: New Jersey
- *vertebralis* (Batsch) Weller
 Geol. Sur. N. J. Pal., vol. 4, 1907, p. 221, no pl.
 Formation: Cretaceous, Vincentown limesand
 Location: New Jersey
- *williamsi* n. sp. Baggs
 Johns Hopkins Univ. Circulars No. 121, 1895, pp. 11-12
 Formation: Cretaceous
 Location: New Jersey
- *williamsi* (Baggs) Baggs
 U. S. Geol. Sur. Bull. 88, 1898, p. 45, pl. III, figs. 2a, 2b
 Formation: Cretaceous, Rancocas
 Location: New Jersey
- *williamsi* (Baggs) Weller
 Geol. Sur. N. J. Pal., vol. 4, 1907, p. 222, pl. II, figs. 15, 16
 Formation: Cretaceous, Vincentown limesand
 Location: Swedesboro, New Jersey
- *zippei* (Reuss) Baggs
 John Hop. Univ. Circ., vol. 15, No. 121, 1895, p. 12
 Formation: Cretaceous, Rancocas
 Location: Freehold, Blue Ball, Vincentown, Harrisonville, N. J.
- *zippei* (Reuss) Baggs
 U. S. Geol. Sur. Bull. 88, 1898, p. 45, pl. III, fig. 1
 Formation: Cretaceous, Matawan, Monmouth, Rancocas, Manasquan
 Location: New Jersey
- *zippei* (Reuss) Weller
 Geol. Sur. N. J. Pal., vol. 4, 1907, p. 223, pl. II, fig. 24
 Formation: Cretaceous, Marshalltown clay marl
 Location: New Jersey
- Nonionima scapha* (Fichtel and Moll.) sp. Woodward and Thomas
 Geol. and Nat. Hist. Surv. of Minn., vol. 3, pt. 1, 1895, p. 48, pl. E, figs. 35, 36
 Formation: Cretaceous
 Location: South Chicago, Illinois
- Nucula* (Lamarck) Gardner
 Maryland Geol. Sur., U. Cret., 1916, p. 511
- (*acila*) sp. Davis
 Jour. Geol. vol. 21, 1913, p. 455
 Formation: Jurassic, Slate's Springs (Franciscan)
 Location: California

- *amica* n. sp. Gardner
Maryland Geol. Sur., U. Cret., 1916, p. 514, pl. XIX, figs. 5, 6
Formation: Cretaceous, Monmouth
Location: Maryland
- *catherina* n. sp. Cragin
Amer. Geol., vol. 14, 1894, p. 4, no pl.
Formation: Cretaceous, Neocomian
Location: Belvidere, Kansas
- *chickasaensis* n. sp. Cragin
Col. Coll. Studies, 5th Ann. Pub., 1894, p. 56, no pl.
Formation: Cretaceous, Comanche Peak limestone
Location: Oklahoma
- *coloradoensis* n. sp. Stanton
U. S. Geol. Sur. Bull. 106, 1893, p. 94, pl. XXI, fig. 9
Formation: Cretaceous, Fort Benton shales
Location: On Williams creek, Huerfano park, Colorado
- *coloradoensis* (Stanton) Herrick and Johnson
Denison Univ. Sci. Lab. Bull., vol. 11, art. 9, 1900, pl. XXXVIII,
fig. 9, (no description)
Formation: Cretaceous
Location: Near Albuquerque, New Mexico
- *concentrica* ? Say [Harris]
Amer. Pal. Bull., vol. 1, No. 5, 1896, p. 317, pl. X, fig. 6
Formation: None given, possibly Cretaceous
- *dowlingi* n. sp. McLearn
Canada Dept. Mines Mus. Bull., No. 29, 1919, p. 9, pl. III, figs. 1, 2
Formation: Cretaceous, St. John formation
Location: Peace River, B. C.
- *gabbi* n. sp. Stanton
U. S. Geol. Sur. Bull., 133, p. 51, pl. VI, figs. 11, 12
Formation: Cretaceous, Knoxville beds
Location: Tehama county, California
- *Guadalupae* n. sp. Böse
Inst. Geol. de México, Bol. 25, 1910, p. 120, Lám. XXIII, figs. 1-10
Formation: Vraconian
Location: Chihuahua, Mexico
- *hornbyensis* (nom. prov.) Whiteaves
Can. Roy. Soc. Proc. and Trans., 2d ser., vol. 1, sec. 4, 1896, p. 122,
pl. III, fig. 2
Formation: Cretaceous
Location: Northwest side of Hornby Island
- *hornbyensis* (Whiteaves) Whiteaves
Can. Geol. Sur., Mesozoic Fossils, vol. 1, pt. 5, 1903, p. 388, pl.
XLVI, fig. 4
Formation: Cretaceous
Location: Hornby Islands
- *laevis* (Say) [Harris]
Bull. Amer. Pal., vol. I, No. 5, 1896, p. 317, pl. X, fig. 5
Formation: None given
- *microstriata* n. sp. Gardner
Maryland Geol. Sur., U. Cret., 1916, p. 515, pl. XIX, fig. 7
Formation: Cretaceous, Monmouth
Location: Maryland

- **nokonis** n. sp. Adkins
Univ. of Texas Bull. No. 1856, 1918, p. 118, pl. X, figs. 12-16,
19, 20
Formation: Cretaceous, Weno
Location: Gainesville, Texas
- **percrassa** (Conrad) Weller
Geol. Sur. N. J. Pal., vol. 4, 1907, p. 369, pl. XXIX, figs. 1-5
Formation: Cretaceous, Cliffwood, Merchantville clay-marls
Location: Cliffwood Point, Merchantville, and Lorillard, N. J.
- **planimarginata** (Meek and Hayden) Stanton and Vaughan
U. S. Geol. Sur. Prof. Paper 128 A, 1920, p. 19, pl. I, figs. 2, 3
Formation: Cretaceous, Cannonball
Location: Lemmon, S. Dakota
- **richardsoni** n. sp. Whiteaves
Can. Roy. Soc. Proc. and Trans., 2d ser., vol. 1, sec. 4, 1895, p. 122
Location: Trent River, Vancouver
- **richardsoni** (Whiteaves) Whiteaves
Can. Geol. Sur., Mesozoic Fossils, vol. 1, pt. 5, 1903, p. 389, no pl.
Formation: Cretaceous
Location: Trent river, Vancouver Island
- **slackinana** (Gabb) Gardner
Maryland Geol. Sur., U. Cret., 1916, p. 511, pl. XIX, figs. 1-4
Formation: Cretaceous, Matawan, Monmouth, Magothy
Location: Delaware; Maryland; New Jersey
- (**Acila**) sp. Davis
Journ. Geol., vol. 21, 1913, p. 455
Formation: Jurassic
Location: Slate's Springs, California
- sp. Stanton
U. S. Geol. Sur. Mon. 32, pt. 2, 1899, p. 638, no pl., (no description)
Formation: Cretaceous, Montana
Location: Yellowstone National Park
- sp. Stanton and Hatcher
U. S. Geol. Sur. Bull. 257, 1905, p. 106, no pl.
Formation: Cretaceous, Judith River beds
Location: Montana
- sp. Kittl
Second Norwegian Arctic Exped. in the Fram. Rept. No. 7, 1907,
p. 32
Formation: Triassic
Location: Hutinsel im Bayfjord
- **storrsi** n. sp. Stanton
U. S. Geol. Sur. Bull. 133, 1895, p. 52, pl. VI, figs. 13, 14
Formation: Cretaceous, Knoxville beds
Location: Paskenta, California
- **subplana** (M. & H.) Johnson
School of Mines Quart., vol. 24, No. 2, 1903, p. 195. (See Rept.
U. S. Geol. Sur. Terr., vol. 9, p. 99)
Formation: Cretaceous, Fort Pierre age
Location: Santa Rosa Mountain, New Mexico
- **subplana** (M. & H.) Johnson
Columbia Univ. Contrib. Geol. Dept., vol. X, No. 90, 1903, p. 123

- Formation: Cretaceous. Fort Pierre age
 Location: Santa Rosa Mountain, New Mexico
- *subplana* (M. & H.) Stanton and Vaughan
 U. S. Geol. Sur. Prof. Paper 128 A, 1920, p. 20, pl. I, figs. 4-7
 Formation: Cretaceous, Cannonball
 Location: Price and Mandan, N. Dakota
- (*Acila*) *truncata* (Gabb) Stanton
 U. S. Geol. Sur., 17th Ann. Rept., pt. 1, 1896, p. 1033, no pl.
 Formation: Cretaceous-Tertiary transition, Chico and Tejon
 Location: California
- (*Acila*) *truncata* (Gabb) Whiteaves
 Can. Geol. Sur., Mesozoic Fossils, vol. 1, pt. 5, 1903, p. 389, no pl.
 Formation: Cretaceous
 Location: Vancouver Island; Hornby Island; Sucia Islands
- *wenoensis* n. sp. Adkins
 Univ. of Texas Bull. No. 1856, 1918, p. 120, pl. X, figs. 10, 11
 Formation: Cretaceous, Weno
 Location: Denison, Texas
- *whitfieldi* n. sp. Weller
 Geol. Sur. N. J. Pal., vol. 4, 1907, p. 371, pl. XXIX, figs. 6-12
 Formation: Cretaceous, Cliffwood clay
- Nudivagus* n. gen. Wade
 Phila. Acad. Nat. Sci., vol. 69, 1917, p. 296
- *simplicis* n. sp. Wade
 Phila. Acad. Nat. Sci. Proc., vol. 69, 1917, p. 297, pl. XIX, figs. 4, 5
 Formation: Upper Cretaceous, Ripley
 Location: Coon Creek, McNairy Co., Tenn.
- Obeliscus conellus* n. sp. Whitfield
 Geol. Sur. N. J., vol. 2, 1892, p. 151, pl. XIX, fig. 1
 Formation: Cretaceous, Lower Green Marls
 Location: New Jersey
- *conellus* Whitfield
 U. S. Geol. Sur. Mon. 18, 1892, p. 151, pl. XIX, fig. 1
 Formation: Cretaceous, Lower Green Marls
 Location: Haddonfield, New Jersey
- *conellus* (Whitfield) Weller
 Geol. Sur. N. J. Pal., vol. 4, 1907, p. 672, pl. LXXVI, fig. 1
 Formation: Cretaceous, Woodbury clay
 Location: New Jersey
- Ochetoceras canaliculatum* (d'Orbigny) Burckhardt
 Inst. Geol. de México, Bol. 29, 1912, p. 5, Lám. I, figs. 1-7
 Formation: Jurassic, Oxfordian
 Location: Durango, Mexico
- *canaliculatum* (d'Orbigny) Roig
 Secretaria de Agr. Comercio y Trabajo, Bol. Especial, Habana,
 Cuba, 1920, p. 25
 Formation: Jurassic, Oxfordian
 Location: Puerta del Ancón, Laguna de Piedra, Cuchillas de
 Rivera, Viñales, Cuba
- *canaliculatum* Roig
 Revista de Agr. Comercio y Trabajo Año 2, No. 12, Habana, 1919,
 p. 589, fig. 3
 Formation: Jurassic
 Location: Viñales, Cuba

- **canaliculatum** (von Buch) **burckhardti** n. var. O'Connell
 Amer. Mus. Nat. Hist. Bull. 42, 1920, p. 681, pl. XXXVII, figs. 1, 2, 3
 Formation: Upper Oxfordian
 Location: Viñales Pinar del Rio, Cuba
- **mexicanum** n. sp. Burckhardt
 Inst. Geol. de México, Bol. 29, 1912, p. 7, Lám. I, figs. 8-12
 Formation: Jurassic, Oxfordian
 Location: Cerro del Volcán, Durango
- **mexicanum** (Burckhardt) O'Connell
 Amer. Mus. Nat. Hist. Bull. 42, 1920, p. 686, pl. XXXVIII, figs. 1, 2, 3, Cuba
 Formation: Upper Oxfordian, Jurassic
 Location: Viñales Pinar del Rio, Cuba
- **mexicanum** (Burckhardt) Roig
 Secretaria de Agr. Comercio y Trabajo, Bol. Especial, Habana, Cuba, 1920, p. 26, Lám. XV, fig. 4
 Formation: Jurassic, Oxfordian
 Location: Puerta del Ancón, Viñales, Cuba
- **neohispanicum** n. sp. Burckhardt
 Inst. Geol. de México, Bol. 29, 1912, p. 46, Lám. X, figs. 1-3, 7
 Formation: Jurassic, Kimeridgian
 Location: Cerro del Volcán, Durango
- **pedroanum** n. sp. Burckhardt
 Inst. Geol. de México, Bol. 29, 1912, p. 9, Lám. I, figs. 13-17
 Formation: Jurassic, Oxfordian
 Location: Cerro del Volcán, Durango
- **pedroanum** Burckhardt (Roig)
 Secretaria de Agr. Comercio y Trabajo, Bol. Especial, Habana, Cuba, 1920, p. 28, Lám. XV, fig. 5
 Formation: Jurassic, Oxfordian
 Location: Puerta del Ancón, Viñales, Cuba
- Odontofusus** n. gen. Whitfield
 Geol. Sur. N. J., vol. 2, 1892, p. 65, no pl.
- n. gen. Whitfield
 U. S. Geol. Sur. Mon. 18, 1892, p. 65, no pl.
- (Whitfield) Gardner
 Maryland Geol. Sur., U. Cret., 1916, p. 442, no pl.
- **medians** n. sp. Whitfield
 Geol. Sur. N. J., vol. 2, 1892, p. 67, pl. V, figs. 18-21
 Formation: Cretaceous, Lower Green Marls
 Location: New Jersey
- **medians** n. sp. Whitfield
 U. S. Geol. Sur. Mon. 18, 1892, p. 67, pl. V, figs. 18-21
 Formation: Cretaceous, Lower Green Marls
 Location: Walnford, New Jersey; Upper Freehold, New Jersey
- **medians** (Whitfield) Weller
 Geol. Sur. N. J. Pal., vol. 4, 1907, p. 761, pl. XC, figs. 1-6
 Formation: Cretaceous, Marshalltown clay-marl, Navesink marl
 Location: New Jersey; Mississippi
- **medians** (Whitfield) Gardner
 Maryland Geol. Sur., U. Cret., 1916, p. 443, no pl.
 Formation: Cretaceous, Monmouth, Matawan
 Location: Maryland; New Jersey

- *mucronata* (Gabb) Weller
 Geol. Sur. N. J. Pal., vol. 4, 1907, p. 764, pl. XCV, figs. 5–11
 Formation: Cretaceous, Navesink marl
 Location: New Jersey
- *rostellaroides* n. sp. Whitfield
 Geol. Sur. N. J., vol. 2, 1892, p. 68, pl. VI, figs. 6, 7
 Formation: Cretaceous, Lower Green Marls
 Location: New Jersey
- *rostellaroides* n. sp. Whitfield
 U. S. Geol. Sur. Mon. 18, 1892, p. 68, pl. VI, figs. 6, 7
 Formation: Cretaceous, Lower Green Marls
 Location: Holmdel, New Jersey
- *slacki* (Gabb) Whitfield
 Geol. Sur. N. J., vol. 2, 1892, p. 66, pl. VI, figs. 8, 9
 Formation: Cretaceous, Lower Green Marls
 Location: New Jersey
- *slacki* (Gabb) Whitfield
 U. S. Geol. Sur. Mon. 18, 1892, p. 66, pl. VI, figs. 8, 9
 Formation: Cretaceous, Lower Green Marls
 Location: Crosswicks creek, New Jersey
- *slacki* (Gabb) Weller
 Geol. Sur. N. J. Pal., vol. 4, 1907, p. 766, pl. XC, fig. 17
 Formation: Cretaceous, Merchantville clay-marl
 Location: New Jersey
- *typicus* n. sp. Whitfield
 Geol. Sur. N. J., vol. 2, 1892, p. 66, pl. VI, figs. 1–5
 Formation: Cretaceous, Lower Green Marls
 Location: New Jersey
- *typicus* n. sp. Whitfield
 U. S. Geol. Sur. Mon. 18, 1892, p. 66, pl. VI, figs. 1–5
 Formation: Cretaceous, Lower Green Marls
 Location: Near New Egypt and Cream Ridge, New Jersey
- *typicus* (Whitfield) Weller
 Geol. Sur. N. J. Pal., vol. 4, 1907, p. 763, pl. XC, figs. 7–16
 Formation: Cretaceous, Navesink marl
 Location: New Jersey
- Odostomia* ? *cretacea* n. sp. Whiteaves
 Can. Geol. Sur., Mesozoic Fossils, vol. 1, pt. 5, 1903, p. 366, pl. XLIII, fig. 9
 Formation: Cretaceous
 Location: Breman creek, Vancouver Island
- ? *inornata* n. sp. Whiteaves
 Can. Geol. Sur., Mesozoic Fossils, vol. 1, pt. 5, 1903, p. 366, pl. XLIII, fig. 8
 Formation: Cretaceous
 Location: Nanaimo river, Vancouver Island
- *denticulata* n. sp. Hyatt
 Geol. Soc. Amer. Bufl., vol. 5, 1894, p. 427, no pl. ,
 Formation: Jurassic
 Location: Stanislaus river, Bostwicks Bar near Reynolds Ferry, California
- Oegoceras* — see *Ammonites*
- Olcestephanus cepoides* (Whiteaves) Whiteaves
 Can. Geol. Sur., Mesozoic Fossils, vol. 1, pt. 4, 1900, p. 276, no pl.

- Formation: Cretaceous
Location: East end of Maud Island; south side of Alliford Bay,
Maple Island, of the Queen Charlotte Islands
- (*Astieria*) *Deansii* n. sp. Whiteaves
Can. Rec. Sci., vol. 5, 1893, p. 442, pl. VII, figs. 1, 1a
Formation: Cretaceous
Location: Queen Charlotte Islands
- (*Astieria*) *Deansii* Whiteaves
Geol. Sur. Can., Mesozoic Fossils, vol. 1, pt. 4, 1900, p. 276, no pl.
Formation: Cretaceous
Location: Skidegate Inlet
- *lindgreni* n. sp. Hyatt
Geol. Soc. Amer. Bull., vol. 5, 1894, p. 427, no pl.
Formation: Jurassic
Location: Near Colfax, Placer county, California
- *Loganianus* Whiteaves
Can. Geol. Sur., Mesozoic Fossils, vol. 1, pt. 4, 1900, p. 276, no pl.
Formation: Lower shales
Location: Alliford Bay
- *malonianus* n. sp. Cragin
U. S. Geol. Sur. Bull. 266, 1905, p. 103, pl. XXIV, figs. 1, 2
Formation: Jurassic
Location: Malone, Texas
- (*Simbiskites*) *mutabilis* n. sp. Stanton
U. S. Geol. Sur. Bull. 133, 1895, p. 77, pl. XV, figs. 1-5
Formation: Cretaceous, Knoxville beds
Location: Paskenta, California
- (? *Simbriskites*) (*Pavlow and Lamplugh*) n. sp. Madsen
Medelelser om Grönland, 1903, vol. 29, p. 195, pl. X, fig. 2
Formation: Jurassic
Location: Fossil Mountain, Jameson's Land
- aff. *Portlandicus* de Loriol Aguilera
Com. Geol. de México, Bol. 1, 1895, p. 37, Lám. VII, fig. 3
Formation: Jurassic
Location: San Luis Potosi, Mexico
- *potosinus* n. sp. Aguilera
Com. Geol. de México, Bol. 1, 1895, p. 36, Lám. VII, fig. 2; Lám.
XII, figs. 1, 2
Formation: Jurassic
Location: Sierra de Catorce, Mexico
- *richardsoni* Whiteaves
Geol. Sur. Can., Mesozoic Fossils, vol. 1, pt. 4, 1900, p. 305, no pl.
Formation: Cretaceous
Location: Queen Charlotte Islands
- (*Polyptychites*) *trichotomus* n. sp. Stanton
U. S. Geol. Sur. Bull. 133, 1895, p. 78, pl. XVI, fig. 1
Formation: Cretaceous, Knoxville beds
Location: Lowerys, Tehama county, California
- Olivella* (Swainson) Gardner
Maryland Geol. Sur., U. Cret., 1916, p. 421, no pl.
- *monmouthensis* n. sp. Gardner
Maryland Geol. Sur., U. Cret., 1916, p. 421, pl. XIV, fig. 10
Formation: Cretaceous, Monmouth

- Location: Maryland
Oliverato — see *Ancilla*
Oncochilus — see *Neretoma*
Gnychocella digitata (Morton) Weller
Geol. Sur. N. J. Pal., vol. 4, 1907, p. 330, pl. XXIII, figs. 7-10
Formation: Cretaceous, Vincentown limesand
Location: Vincentown, New Jersey
Opalia — see *Scalaria*
Opellia sp. ind. Burekhardt
Inst. Geol. Méx. Bol. 33, 1919, p. 1, Lám. 1, figs. 6-8, 10
Formation: Jurassic
Location: Canyon del Toboso, Mexico
Operculina complanata Defrance sp. Woodward & Thomas
Minn. Geol. and Nat. Hist. Sur., vol. 3, pt. 1, 1895, p. 45, pl. E, figs. 5, 37, 39
Formation: Cretaceous
Location: Minnesota; Illinois
— **complanata** var. **granulosa** (Leymerie) Woodward
New York Microscopical Soc. Journ., vol. X, No. 4, 1894, p. 140
Formation: Cretaceous
Location: Mullica Hill, New Egypt, New Jersey
— **complanata** var. **granulosa** (Leymerie) Woodward & Thomas
Minn. Geol. and Nat. Hist. Sur., vol. 3, pt. 1, 1895, p. 46, pl. E, fig. 38
Formation: Cretaceous
Location: Minnesota
Ophiceras dieneri n. sp. Hyatt and Smith
U. S. Geol. Sur. Prof. Paper 40, 1905, p. 118, pl. VIII, figs. 16-20
Formation: Triassic
Location: Idaho
— **griesbach** Hyatt and Smith
U. S. Geol. Sur. Prof. Paper 40, 1905, p. 117, no pl.
Formation: Triassic
Location: California
— **spenceri** n. sp. Hyatt and Smith
U. S. Geol. Sur. Prof. Paper 40, 1905, p. 119, pl. LXII, figs. 1-10
Formation: Triassic
Location: Idaho
Ophiocten (?) **bellefourchensis** n. sp. Whitfield and Hovey
Bull. Amer. Mus. Nat. Hist., vol. 22, 1906, p. 391, pl. XLII, fig. 4
Formation: Jurassic
Location: Black Hills
Ophioglypha bridgerensis (Meek) Clark and Twitchell
U. S. Geol. Sur. Mon. 54, 1915, p. 43, pl. VIII, figs. 4a-b
Formation: Cretaceous
Location: Near Fort Ellis, Montana
— **bridgerensis** (Meek) Clark
U. S. Geol. Sur. Bull. 97, 1893, p. 29, pl. IV, figs. 2a-b
Formation: Cretaceous
Location: Montana
— **texana** (Clark) Clark
U. S. Geol. Sur. Bull. 97, 1893, p. 30, pl. IV, figs. 1a-c
Formation: Cretaceous, Washita

- Location: Texas
- *texana* (Clark) Clark and Twitchell
U. S. Geol. Sur. Mon. 54, 1915, p. 43, pl. VIII, figs. 3a-c
Formation: Cretaceous, Washita
Location: On Fossil, creek, six miles north of Fort Worth, Texas
- *utahensis* (Clark) n. sp. Clark and Twitchell
U. S. Geol. Sur. Mon. 54, 1915, p. 29, pl. III, fig. 5
Formation: Jurassic
Location: San Rafael river, Utah
- Opis californica* n. sp. Stanton
U. S. Geol. Sur. Bull. 133, 1895, p. 58, pl. VII, figs. 1-4
Formation: Cretaceous, Knoxville beds
Location: Tehama county, California
- *texana* n. sp. Cragin
Texas Geol. Sur., 4th Ann. Rept., 1893, p. 196, no pl.
Formation: Cretaceous, Fredericksburg Division
Location: At Twin Mountains in Tom Green county, Texas
- *triangulata* Cooper (Stanton) Cooper
Cal. Acad. Sci. Proc., vol. 6, 1896, p. 332, pl. XLVII, figs. 7, 8, 9
Formation: Cretaceous
Location: California
- *vancouverensis* Whiteaves
Geol. Sur. Can., Mesozoic Fossils, vol. 1, pt. 5, 1903, p. 385, no pl.
Formation: Cretaceous
Location: Southwest side of Denman Island; Brennan creek near Wellington, Vancouver Island
- Oppelia hõlei* n. sp. Burckhardt
Inst. Geol. de México, Bol. 23, 1906, p. 13, Lám. II, figs. 5-8, 13
Formation: Jurassic, Kimeridgian
Location: Mazapil, Mexico
- (*Neumayria*) *crassicostrata* n. sp. Burckhardt
Inst. Geol. de México, Bol. 29, 1912, p. 11, Lám. II, figs. 1-4, 16
Formation: Jurassic, Oxfordian
Location: Cerro del Volcàn, Durango
- ? *fallax* (Castillo and Aguilera) Cragin
U. S. Geol. Sur. Bull. 266, 1905, p. 101, pl. XXII, figs. 2, 3
Formation: Jurassic
Location: Malone, Texas
- (*Neumayria*) *flexuosa costata* (Quenstedt) sp. Burckhardt
Inst. Geol. de México, Bol. 23, 1906, p. 18, Lám. II, figs. 14-17
Formation: Jurassic, Kimeridgian
Location: Mazapil, Mexico
- (*Neumayria*) *harpoceroides* n. sp. Burckhardt
Inst. Geol. de México, Bol. 23, 1906, p. 16, Lám. II, figs. 9-12
Formation: Jurassic, Kimeridgian
Location: Mazapil, Mexico
- (*Neumayria*) *neohispanica* n. sp. Burckhardt
Inst. Geol. de México, Bol. 29, 1912, p. 12, Lám. II, figs. 5-8
Formation: Jurassic, Oxfordian
Location: Cerro del Volcàn, Durango
- (*Neumayria*) *aff. nereus* Fontannes sp. Burckhardt
Inst. Geol. de México, Bol. 23, 1906, p. 14, Lám. III, figs. 1-4
Formation: Jurassic, Kimeridgian
Location: Mazapil, Mexico

- (*Neumayria* cfr. *nereus* Fontannes sp. Burckhardt
Inst. Geol. de México, Bol. 23, 1906, p. 76, Lám. XVI, figs. 5-7
Formation: Jurassic, Kimeridgian
Location: Mazapil, Mexico
- (*Neumayria*) *pichleriformis* n. sp. Burckhardt
Inst. Geol. de México, Bol. 29, 1912, p. 14, Lám. II, figs. 9-12
Formation: Jurassic, Oxfordian
Location: Cerro del Volcán, Durango
- (*Neumayria*) sp. indt. Burckhardt
Inst. Geol. de México, Bol. 23, 1906, p. 19, Lám. III, fig. 8
Formation: Jurassic, Kimeridgian
Location: Mazapil, Mexico
- ? sp. Stanton
U. S. Geol. Sur. Mon. 32, pt. 2, 1899, p. 630, no pl.
Formation: Mesozoic, Jurassic ?
Location: Yellowstone National Park
- (*Neumayria*) sp. indt. Burckhardt
Inst. Geol. de México, Bol. 29, 1912, p. 50, Lám. X, figs. 9-11
Formation: Jurassic, Kimeridgian
Location: San Pedro del Gallo, Durango
- (*Neumayria*) aff. *strombecki* Oppel sp. Burckhardt
Inst. Geol. de México, Bol. 23, 1906, p. 74, Lám. XVIII, figs. 4-7
Formation: Jurassic, Kimeridgian
Location: Mazapil, Mexico
- (*Neumayria*) cfr. *trachynota* Font. Burckhardt
Inst. Geol. de México, Bol. 23, 1906, p. 72, Lám. XVII, fig. 5
Formation: Jurassic, Kimeridgian
Location: Mazapil, Mexico
- Orbicella* ? *texana* n. sp. Vaughan
U. S. Geol. Sur. Bull. 205, 1903, p. 38, pl. XXVI, fig. 1; pl. XXVII,
fig. 6
Formation: Cretaceous
Location: Shoal creek, Texas
- Orbucina* *universa* (d'Orbigny) Woodward and Thomas
Minn. Geol. and Nat. Hist. Sur., Final Rept., vol. 3, pt. 1, 1895,
p. 43, pl. D, figs. 23-27
Formation: Cretaceous
Location: Minnesota; Nebraska; Illinois
- *universal* (d'Orbigny) McClung
Univ. Kan. Geol. Sur., vol. 4, 1898, p. 422, pl. LXXXV, fig. 9
Formation: Upper Cretaceous
Location: Kansas
- Ornatopora* n. gen. Gardner
Maryland Geol. Sur., U. Cret., 1916, p. 748
- *marylandica* n. sp. Gardner
Maryland Geol. Sur., U. Cret., 1916, p. 748, pl. XLVII, figs. 16-19
Formation: Cretaceous, Monmouth
Location: Maryland
- Ornonsis* n. gen. Wade
Phila. Acad. Nat. Sci. Proc., vol. 68, 1916, p. 463
- *glenni* n. sp. Wade
Phila. Acad. Nat. Sci. Proc., vol. 68, 1916, p. 463, pl. XXIV, fig. 1
Formation: Upper Cretaceous, Ripley
Location: Coon Creek, McNairy Co., Tenn.

- *elevata* n. sp. Wade
 Phila. Acad. Nat. Sci. Proc., vol. 68, 1916, p. 464, pl. XXIV, figs. 2, 3
 Formation: Upper Cretaceous, Ripley
 Location: Coon Creek, Mc Nairy Co., Tenn.
- Orthoceras* (Breyn) Hyatt and Smith
 U. S. Geol. Sur. Prof. Paper 40, 1905, p. 209, no pl.
- *blakei* (Gabb) Smith
 U. S. Geol. Sur. Prof. Paper 83, 1914, p. 140, pl. XIV, fig. 11; pl. XVI, figs. 1a-c
 Formation: Triassic
 Location: West Humboldt range, Nevada
- *campanite* (Mojsisovics) Smith
 U. S. Geol. Sur. Prof. Paper 83, 1914, p. 141, pl. XCIV, figs. 17-19
 Formation: Triassic
 Location: West Humboldt range, Nevada
- *shastense* n. sp. Hyatt and Smith
 U. S. Geol. Sur. Prof. Paper 40, 1905, p. 210, pl. XLVIII, figs. 4, 5
 Formation: Triassic
 Location: Shasta county, California
- Orthopsis occidentalis* n. sp. Cragin
 Texas Geol. Sur., 4th Ann. Rept., 1893, p. 160, pl. XXV, figs. 1-3; pl. XXVII, fig. 2
 Formation: Cretaceous
 Location: Sierra Blanca mountains in Hudspeth county, Texas
- *occidentalis* (Cragin) Clark and Twitchell
 U. S. Geol. Sur. Mon. 54, 1915, p. 54, pl. XVII, figs. 1a-g
 Formation: Cretaceous, Washita
 Location: Sierra Blanca mountains near El Paso, Texas
- *planulata* (Clark) n. sp. Clark and Twitchell
 U. S. Geol. Sur. Mon. 54, 1915, p. 54, pl. XVI, figs. 2a-c
 Formation: Cretaceous, Washita
 Location: Near Denison, Texas
- Ostrea* (Lamarck) Gardner
 Maryland Geol. Sur., U. Cret., 1916, p. 551, no pl.
- (*Alectryonia*) *Aguilerae* n. sp. Böse
 Inst. Geol. de México, Bol. 24, 1906, p. 47, Lám. VI, figs. 1, 2; Lám. IV, fig. 5
 Formation: Cretaceous, Senonian
 Location: San Luis Potosi, Mexico
- *alifera* n. sp. Cragin
 Texas Geol. Sur., 4th Ann. Rept., 1893, p. 197, pl. XXIX, figs. 1-3, 5-7
 Formation: Cretaceous, Eagle Ford division
 Location: One mile west of Sherman, Texas
- *alifera* n. var. *pediformis* Cragin
 Texas Geol. Sur., 4th Ann. Rept., 1893, p. 197, pl. XXIX, fig. 4
 Formation: Cretaceous
 Location: South of Sherman on Post Oak Creek, Texas
- *alternans* n. sp. Cragin
 Texas Geol. Sur., 4th Ann. Rept., 1893, p. 198, no pl.
 Formation: Cretaceous, Alternating beds
 Location: Sandy creek, Travis county, Texas

- **anceps** n. sp. Logan
 Kan. Univ. Geol. Sur., vol. 4, 1898, p. 446, pl. CXVII
 Formation: Cretaceous, Lincoln marble
 Location: Kansas
- **anomioides** (Meek) Stanton
 U. S. Geol. Sur. Bull. 106, 1893, p. 55, pl. 1, figs. 5, 6
 Formation: Cretaceous
 Location: On Missouri river below Gallatin City, Montana
- **anamnioides** (Meek) Stanton
 U. S. Geol. Sur. Mon. 32, pt. 2, 1899, p. 633, no pl.
 Formation: Cretaceous
 Location: Yellowstone National Park
- **anomioides** var. **nanus** n. var. Johnson
 School of Mines Quart., vol. 24, No. 2, 1903, p. 185, pl. 1, figs. 10a-d
 Formation: Cretaceous, Fort Pierre Age
 Location: Near Madrid, New Mexico
- **anomioides** var. **nanus** Johnson
 Columbia Univ. Cont. Geol. Dept., vol. X, No. 90, 1903, p. 113, pl. V, figs. 10, a, b, c, d
 Formation: Cretaceous, Fort Pierre Age
 Location: Near Madrid, New Mexico
- **anomioides** var. **nanus** Johnson
 Amer. Jour. Sci., 4th ser., vol. 25, 1908, p. 61
 Formation: Cretaceous
 Location: Fort Benton, New Mexico
- (**alectryonia**) **Arizpensis** n. sp. Böse
 Inst. Geol. de México, Bol. 30, 1913, p. 48, Lám. VII, figs. 7-17
 Formation: Cretaceous, Senonian
 Location: Coahuilla
- **attenuata** n. sp. Logan
 Kan. Univ. Quart., vol. 8, 1899, p. 93, pl. XXII, figs. 2-4
 Formation: Cretaceous, Niobrara and Rudistes beds
 Location: Kansas
- **bella** (Con.) Cragin
 Texas Geol. Sur., 4th Ann. Rept., 1893, p. 198, no pl.
 Formation: Cretaceous
 Location: Two miles south of Presidio del Norte, Mexico
- **bellaplicata** (Shumard) Cragin
 Texas Geol. Sur., 4th Ann. Rept., 1893, p. 199, no pl.
 Formation: Cretaceous, Eagle Ford Division
 Location: Texas
- **beloiti** n. sp. Logan
 Field Col. Mus. Geol. Ser., vol. 1, No. 6, 1899, p. 214, pl. XXV, figs. 7, 8
 Formation: Cretaceous, Benton
 Location: Kansas
- **bryani** (Gabb) Weller
 Geol. Sur. N. J. Pal., vol. 4, 1907, p. 448, pl. XLIV, figs. 1-5
 Formation: Cretaceous, Vincentown limesand
 Location: New Jersey
- **camelina** n. sp. Cragin
 Texas Geol. Sur., 4th Ann. Rept., 1893, p. 199, no pl.

- Formation: Cretaceous, Dinosaur sandstone and Alternating beds
 Location: Burnet, Travis, Hood and Erath counties, Texas
- *canonensis* n. sp. Logan
 Kans. Univ. Quart., vol. 8, 1899, p. 90, pl. XXI, figs. 3, 4
 Formation: Cretaceous
 Location: Kansas
- *carica* n. sp. Cragin
 Texas Geol. Sur., 4th Ann. Rept., 1893, p. 200, pl. XLV, fig. 11
 Formation: Cretaceous, Cross Timber Sandstone
 Location: On Timber creek in Denton county southwest of Lewisville, Texas
- (*Alectryonia*) *carinata* Lam. Böse
 Inst. Geol. de México, Bol. 25, 1910, p. 104, Lám. XVI, figs. 13, 14
 Formation: Lower Cenomanian
 Location: Cerro de Muleros
- (*Alectryonia*) *carinata* (?) (Lamarck) Adkins & Winton
 Univ. of Texas Bull. 1945, 1919, p. 59, pl. XVI, figs. 2-5
 Formation: Cretaceous, Fort Worth to Buda
 Location: North Texas
- *comoensis* n. sp. Logan
 Kans. Univ. Quart., vol. 9, 1900, p. 129, pl. XXVIII, fig. 9
 Formation: Jurassic
 Location: Wyoming — Freeze-out Hills
- *congesta* (Con.) Stanton
 U. S. Geol. Sur. Bull. 106, 1893, p. 55, pl. II, figs. 2, 3, 4
 Formation: Cretaceous, Niobrara group
 Location: Between the Big Sioux and the Great Bend along Missouri river; also on Cheyenne river and on North Platte river; New Mexico; Colorado
- *congesta* (Conrad) Gilbert
 U. S. Geol. Sur., 17th Ann. Rept., pt. 2, 1895-96, pl. LXI
 Formation: Cretaceous, Timpas
 Location: East Colorado
- *congesta* Conrad Logan
 Kan. Univ. Geol. Sur., vol. 4, 1898, p. 444, pl. XCIX, figs. 10, 11, 13
 Formation: Cretaceous, Ostrea beds of Fort Benton group
 Location: Smoky Hill, Saline and Solomon Rivers, Kansas
- *congesta* (Con.) Logan
 Kan. Univ. Quart., vol. 8, 1899, p. 90, pl. XX, figs. 1, 2, 6
 Formation: Cretaceous
 Location: Kansas
- *congesta* (Conrad ?) Weller
 Geol. Sur. N. J. Pal., vol. 4, 1907, p. 435, pl. XLIII, fig. 16
 Formation: Cretaceous, Cliffwood clay
 Location: New Jersey; Kansas; Nebraska; South Dakota; Colorado; New Mexico
- *congesta* (Conrad) Johnson
 School of Mines Quart., vol. 24, No. 2, 1903, p. 186. (See Bull. U. S. Geol. Sur., No. 106, p. 55)
 Formation: Cretaceous, Fort Pierre age and Achavica Arroyo
 Location: Grand Central mountain, New Mexico
- *congesta* (Con.) Johnson

- Columbia Univ. Cont. Geology Dept. Vol. X, No. 90, 1903, p. 114
 Formation: Cretaceous, Ft. Pierre
 Location: Santa Rosa Mt., New Mexico
- *crenula* n. sp. Logan
 Kan. Univ. Quart., vol. 8, 1899, p. 93, pl. XXI, figs. 7-9
 Formation: Cretaceous, Niobrara, Rudistes beds
 Location: Kansas
- *crenulimarginata* (Gabb) Weller
 Geol. Sur. N. J. Pal., vol. 4, 1907, p. 441, pl. XLII, figs. 12, 13
 Formation: Cretaceous, Navesink marl
 Location: New Jersey
- *crenulimargo* (Roemer) Cragin
 Texas Geol. Sur., 4th Ann. Rept., 1893, p. 201, pl. XLV, fig. 6
 Formation: Cretaceous, Denison beds
 Location: Forestburgh, Montague county, Texas
- *crenulimargo* n. var. *stonewallensis* Cragin
 Texas Geol. Sur., 4th Ann. Rept., 1893, p. 202, pl. XLV, figs. 1-5
 Formation: Cretaceous, Alternating beds or Paluxy ?
 Location: Double mountain, Stonewall county, Texas
- *cretacea* (Morton) Weller
 Geol. Sur. N. J. Pal., vol. 4, 1907, p. 434, pl. XLII, fig. 11
 Formation: Cretaceous, Cliffwood clay
 Location: New Jersey
- *densa* n. sp. Logan
 Kans. Univ. Quart., vol. 9, 1900, p. 129, pl. XXVIII, fig. 7
 Formation: Jurassic
 Location: Freeze-out Hills; Wyoming
- *denticulifera* (Conrad) Weller
 Geol. Sur. N. J. Pal., vol. 4, 1907, p. 436, pl. XLIII, figs. 1, 2
 Formation: Cretaceous, Woodbury clay
 Location: New Jersey
- *diluviana* (Linn) Cragin
 Texas Geol. Sur., 4th Ann. Rept., 1893, p. 203, no pl.
 Formation: Cretaceous
 Location: Williamson county on San Gabriel river, Texas
- *eduliformis* Schlotheim Madsen
 Meddelelser om Grönland, 1903, vol. 29, pl. VII, p. 177, figs. 1-3
 Formation: Jurassic
 Location: Mt. Nathorst, Greenland
- *ellsworthensis* n. sp. Logan
 Kan. Univ. Quarterly, vol. 8, 1899, p. 88, pl. XXI, figs. 1, 2
 Formation: Cretaceous
 Location: Kansas
- *engelmanni* (Meek) Stanton
 U. S. Geol. Sur. Mon., 32, pt. 2, 1899, p. 611, no pl.
 Formation: Mesozoic
 Location: Yellowstone National Park
- *exogyroides* n. sp. Logan
 Kan. Univ. Quart., vol. 8, 1899, p. 91, pl. XX, fig. 3
 Formation: Cretaceous, Niobrara, Rudistes beds
 Location: Kansas
- *faba* n. sp. Gardner
 Maryland Geol. Sur., U. Cret., 1916, p. 559, pl. XXIV, figs. 5, 6

- Formation: Cretaceous, Monmouth
 Location: Maryland
- *falcata* (Morton) Weller
 Geol. Sur. N. J. Pal., vol. 4, 1907, p. 444, pl. XLIII, figs. 3-6
 Formation: Cretaceous, Marshalltown clay, Navesink marl
 Location: New Jersey
- *franklini* (Coquand) Hill
 Wash. Biol. Soc. Proc., vol. 8, 1893, p. 23, no pl.
 Formation: Cretaceous, Glen Rose
 Location: Texas; Arkansas
- *franklini* (Coq.) Cragin
 Texas Geol. Sur., 4th Ann. Rept., 1893, p. 203, no pl.
 Formation: Cretaceous, Alternatings beds
 Location: Bosque county, Texas
- *franklini* (Coquand ?) Herrick and Johnson
 Denison Univ. Sci. Lab. Bull., vol. 11, art. 9, 1900, p. 203, pl. XXIX, fig. 8
 Formation: Cretaceous
 Location: East of Island Mesa, New Mexico
- *franklini* var. *ragdalei* n. var. Hill
 Wash. Biol. Soc. Proc., vol. 8, 1893, p. 23, pl. I, fig. 6
 Formation: Cretaceous, Glen Rose
 Location: At the plant bed near Glen Rose, Texas
- *glabra* (White) Herrick and Johnson
 Denison Univ. Sci. Lab. Bull., vol. 11, art. 9, 1900, p. 203, pl. XXXIV, figs. 1, 2
 Formation: Cretaceous, Laramie
 Location: East of the Caballo mountains in coal beds, New Mexico
- *glabra* (M. & H.) Stanton and Hatcher
 U. S. Geol. Sur. Bull. 257, 1905, p. 105, no pl.
 Formation: Cretaceous, Judith River beds, Laramie
 Location: Various localities in the United States and Canada
- *glabra* (M. & H.) Böse
 Inst. Geol. de México, Bol. 24, 1906, p. 41, Lám. II, fig. 5
 Formation: Cretaceous, Senonian
 Location: Near Cardenas, Mexico
- *glabra* (Meek and Hayden) Böse
 Inst. Geol. de México, Bol. 30, 1913, p. 43, Lám. V, figs. 5-14;
 Lám. VI, figs. 1-10; Lám. VII, figs. 1-5
 Formation: Senonian
 Location: Coahuila
- *glabra* (Meek and Hayden) Stanton
 U. S. Geol. Sur. Prof. Paper 98, 1916, p. 311, pl. LXXIX, figs. 1-3
 Formation: Cretaceous
 Location: San Juan Basin, New Mexico
- *gronlandica* n. sp. Lundgren
 Meddelelser om Grönland, 1895, vol. 19, p. 195, pl. III, figs. 7, 8, 9
 Formation: Jurassic
 Location: Kap Stewart, east Greenland
- cfr. *Goldfussi* (Holzapfel) Böse
 Inst. Geol. de México, Bol. 24, 1906, p. 40, Lám. I, figs. 10, 11
 Formation: Cretaceous, Senonian

- Location: Between Escontréa and Cárdenas, Mexico
- *haydeni* n. sp. White
U. S. Geol. Sur. Bull. 128, 1895, p. 32, pl. II, figs. 1, 2
Formation: Cretaceous, Cokeville, Bear river
- *incurva* n. sp. Logan
Kan. Univ. Quart., vol. 8, 1899, p. 92, pl. XXII, figs. 1, 3, 5, 6
Formation: Cretaceous, Niobrara, Rudistes beds
Location: Kansas
- *incurva* Nilss. var. *acutirostria* Nilss. Böse
Inst. Geol. de México, Bol. 30, 1913, p. 45, Lám. VII, figs. 6-12
Formation: Cretaceous, Senonian
Location: Coahuila, Mexico
- *incurva* (Nilss. emend Henig) Böse
Inst. Geol. de México, Bol. 24, 1906, p. 42, Lám. 1, fig. 5
Formation: Cretaceous, Senonian
Location: On the Tampico to San Luis Potosi railroad, Mexico
- *jewellensis* n. sp. Logan
Kan. Univ. Quart., vol. 8, 1899, p. 95, pl. XXII, fig. 11
Formation: Cretaceous, Niobrara, Rudistes beds
Location: Kansas
- *kansasensis* n. sp. Logan
Kan. Univ. Quart., vol. 8, 1899, p. 88, pl. XX, figs. 9-11
Formation: Cretaceous
Location: Kansas
- (*Alectryonia*) *larva* (Lamarck) Logan
Kan. Univ. Geol. Sur., vol. 4, 1898, p. 485, no pl.
Formation: Cretaceous, Hesperornis and Rudistes beds, Niobrara
Location: Kansas
- *larva* Harris and Veatch
Geol. Sur. La. Rept., 1899, p. 293, pl. XLIX, fig. 3
Formation: Cretaceous
Location: Rayburn's Salt Works, Bienville parish, Louisiana
- *larva* (Lamarck) Gardner
Maryland Geol. Sur., U. Cret., 1916, p. 552, no pl.
Formation: Cretaceous
Location: Maryland
- *larva* var. *falcata* (Morton) Gardner
Maryland Geol. Sur., U. Cret., 1916, p. 552, pl. XXII, fig. 4
Formation: Cretaceous, Matawan, Monmouth
Location: Delaware; Maryland; New Jersey
- *larva* var. *mesenterica* (Morton) Gardner
Maryland Geol. Sur., U. Cret., 1916, p. 555, pl. XXII, figs. 6-8;
pl. XXIII, figs. 1, 2
Formation: Cretaceous, Monmouth
Location: Maryland; New Jersey
- *larva* var. *nasuta* (Morton) Gardner
Maryland Geol. Sur., U. Cret., 1916, p. 554, pl. XXII, fig. 3
Formation: Cretaceous, Matawan, Monmouth
Location: Delaware; Maryland; New Jersey
- *lata* n. sp. Logan
Kan. Univ. Quart., vol. 8, 1899, p. 94, pl. XXII, figs. 7-10
Formation: Cretaceous, Niobrara, Rudistes beds

- Location: Kansas
- *leeii* n. sp. Logan
 - Kan. Univ. Quart., vol. 8, 1899, p. 94, pl. XXI, figs. 10, 11
 - Formation: Cretaceous, Niobrara, Rudistes beds
 - Location: Kansas
- *lugubris* (Con.) Cragin
 - Texas Geol. Sur., 4th Ann. Rept., 1893, p. 204, no pl.
 - Formation: Cretaceous, Navarro beds
 - Location: Two miles north of Corsicana, Texas
- *lugubris* (Con.) Stanton
 - U. S. Geol. Sur. Bull. 106, 1893, p. 58, pl. IV, figs. 1-10
 - Formation: Cretaceous
 - Location: New Mexico; Southwest Colorado
- *lugubris* (Con.) Logan
 - Kan. Univ. Geol. Sur., vol. 4, 1898, p. 445-446, pl. XCI
 - Formation: Cretaceous
 - Location: Lincoln marble, Kansas
- *lugubris* (Con.) Johnson
 - School of Mines Quart., vol. 24, No. 2, 1903, p. 186. (See U. S. Geol. Sur. Bull. No. 106, p. 58)
 - Formation: Cretaceous, Fort Benton and Galestee Monocline
 - Location: New Mexico
- *lugubris* (Con.) Johnson
 - Columbia Univ. Cont. Geol. Dept. Vol. X, No. 90, 1903, p. 114
 - Formation: Cretaceous, Ft. Benton
 - Location: Cerrillos, New Mexico
- *lugubris* Con. Shimer and Blodgett
 - Amer. Jour. Sci., vol. 25, 4th ser., 1908, p. 60
 - Formation: Cretaceous, Fort Benton
 - Location: New Mexico
- (*Alectryonia*) (Con.) *lugubris* Böse
 - Inst. Geol. de México, Bol. 30, 1913, p. 47, Lám. VIII, figs. 4-6
 - Formation: Turonian
 - Location: Coahuila
- *lyoni* (Shum.) Cragin
 - Texas Geol. Sur., 4th Ann. Rept., 1893, p. 204, no pl.
 - Formation: Cretaceous, Dakota age ?
 - Location: Northwestern part of Fannin county, Texas
- *malachitensis* n. sp. Stanton
 - U. S. Geol. Sur. Bull. 106, 1893, p. 57, pl. II, figs. 5, 6, 7, 8
 - Formation: Cretaceous, Pugnellus sandstone
 - Location: Huerfano park, Colorado
- (*Alectryonia*) *Marcoui* n. sp. Böse
 - Inst. Geol. de México, Bol. 25, 1910, p. 105, Lám. XVI, fig. 15; Lám. XVII, fig. 1
 - Formation: Lower Cenomanian
 - Location: Cerro de Muleros, Mexico
- *mesenterica* (Morton) Weller
 - Geol. Sur. N. J. Pal., vol. 4, 1907, p. 446, pl. XLIII, figs. 9-14
 - Formation: Cretaceous, Navesink marl, Red Bank sand, Tinton beds
 - Location: New Jersey
- *monmouthensis* n. sp. Weller

- Geol. Sur. N. J., vol. 4, 1907, p. 442, pl. XLIII, fig. 15
 Formation: Cretaceous, Navesink marl
 Location: New Jersey
- **monmouthensis** (Weller) Gardner
 Maryland Geol. Sur., U. Cret., 1916, p. 558, pl. XXIII, figs. 4, 5
 Formation: Cretaceous, Monmouth
 Location: Maryland; New Jersey
- **munsoni** n. sp. Hill
 Wash. Biol. Soc. Proc., vol. 8, 1893, p. 105, pl. XII
 Formation: Cretaceous, Caprina limestone
 Location: Texas
- **nasuta** (Mort.) Weller
 Pal. N. J., vol. 4, 1907, p. 447, pl. XLIII, figs. 7, 8
 Formation: Cretaceous, Navesink marl, Red Bank sand, Tinton beds
 Location: New Jersey
- (**Alectryonia**) cfr. **Nicaisei** Coqu. Böse
 Inst. Geol. de México, Bol. 24, 1906, p. 47, Lám. II, figs. 3, 4
 Formation: Cretaceous, Lower Senonian
 Location: On Tampico to San Luis Potosí Railroad, Mexico
- **panda** (Morton) Weller
 Geol. Sur. N. J. Pal., vol. 4, 1907, p. 437, pl. XLII, fig. 10
 Formation: Cretaceous, Marshalltown clay-marl
 Location: New Jersey; Delaware; Alabama; Tennessee
- **perversa** n. sp. Cragin
 Texas Geol. Sur., 4th Ann. Rept., 1893, p. 205, pl. XXVIII, figs. 1-6
 Formation: Cretaceous, Arietina marl
 Location: On west slope of Shoal Creek, Austin, Texas
- **plumosa** (Mort.) Cragin
 Texas Geol. Sur., 4th Ann. Rept., 1893, p. 206, no pl.
 Formation: Cretaceous
 Location: Williamson county, 2 miles west of Taylor, Texas
- **plumosa** Harris and Veatch
 Geol. Sur. La. Rept., 1899, p. 293, pl. XLIX, fig. 4
 Formation: Cretaceous
 Location: Rayburn's Salt Works, Bienville parish, Louisiana
- **plumosa** (Morton) Weller
 Geol. Sur. N. J. Pal., vol. 4, 1907, p. 439, pl. XLII, figs. 16-18
 Formation: Cretaceous, Marshalltown clay-marl, Wenonah sand, Red banks
 Location: New Jersey; Alabama; Tennessee
- **plumosa** (Morton) Gardner
 Maryland Geol. Sur., U. Cret., 1916, p. 556, no pl.
 Formation: Cretaceous, Monmouth, Matawan, Black Creek, Peedee, Eutaw, Ripley
 Location: Maryland; New Jersey; North and South Carolina; Georgia; Alabama; Mississippi
- **prudentia** (White) Stanton
 U. S. Geol. Sur. Bull. 106, 1893, p. 54, pl. I, figs. 3, 4
 Formation: Cretaceous
 Location: East of Impracticable ridge, Utah
- **quadriplicata** (Shumard) Adkins and Winton

- Univ. of Texas Bull. 1945, 1919, p. 60, pl. XVI, figs. 6-10
 Formation: Cretaceous, Washita
 Location: North Texas
- *quadriplicata* (Shum.) (White) Böse
 Inst. Geol. de México, Bol. 25, 1910, p. 101, Lám. XVI, figs. 1-12
 Formation: Lower Cenomanian
 Location: Cerro de Muleros
- *roanokensis* n. sp. Cragin
 Texas Geol. Sur., 4th Ann. Rept., 1893, p. 294, pl. XLVI, fig. 11
 Formation: Cretaceous
 Location: On Marshall branch, 2 miles northwest of Roanoke
 Texas
- *saltillensis* Böse n. sp.
 Inst. Geol. de México, Bol. 30, p. 46, Lám. VIII, figs. 1-3
 Formation: Upper Senonian
 Location: Coahuila
- *sandalina* (cf. *sandelina* Goldf.) Lundgren
 Meddelelser om Grönland, 1895, vol. 19, p. 197
 Formation: Jurassic
 Location: Kap Stewart ost. Greenland
- (*Alectryomia*) (*semiarmata*) n. sp. Böse
 Inst. Geol. de México, Bol. 24, p. 44, Lám. II, fig. 1; Lám. III,
 figs. 1, 2; Lám. IV, fig. 4; Lám. V, figs. 1-5
 Formation: Cretaceous, Lower Senonian
 Location: On Tampico-San Luis Potosi Railroad, Mexico
- *soleniscus* (Meek) Stanton
 U. S. Geol. Sur. Mon. 32, pt. 2, 1899, p. 637, no pl.
 Formation: Cretaceous, Colorado and Montana
 Location: Yellowstone National Park, Utah; Wyoming
- *soleniscus* (Meek) Stanton
 U. S. Geol. Sur. Bull. 106, 1893, p. 56, pl. II, fig. 1; pl. III, figs.
 1, 2
 Formation: Cretaceous
 Location: Coalville, Utah; Bear River ctiy, Wyoming; Denton
 county, Texas
- *soleniscus* (Meek) Cragin
 Texas Geol. Sur., 4th Ann. Rept., 1893, p. 206, pl. XXXV, fig. 3
 Formation: Cretaceous
 Locatin: North Texas
- sp. aff. *O. Johanna*e Choffat Adkins and Winton
 Univ. of Texas Bull. 1945, 1919, p. 60, pl. XVI, figs. 11-13
 Formation: Cretaceous, Goodland limestone
 Locatin: North Texas
- sp. Stanton
 U. S. Geol. Sur. Bull. 133, 1895, p. 34, pl. II, fig. 1
 Formation: Cretaceous, Knoxville beds
 Location: California
- sp. Stanton
 U. S. Geol. Sur. Mon. 32, pt. 2, 1899, p. 637, no pl.
 Formation: Cretaceous
 Location: Yellowstone Natinal Park, Utah; Wyoming
- sp. Herrick and Johnson
 Denison Univ. Sci. Lab. Bull. vol. 11, art. 9, 1900, pl. XXX, fig.

- S, (no description)
 Formation: Cretaceous
 Location: Near Albuquerque, New Mexico
- sp. Shattuck
 U. S. Geol. Sur. Bull. 205, 1903, p. 20, no pl.
 Formation: Cretaceous, Buda limestone
 Location: Shoal creek, Austin, Texas
- sp. Cragin
 U. S. Geol. Sur. Bull. 266, 1905, p. 39, no pl.
 Formation: Jurassic
 Location: Malone, Texas
- sp. Ravn
 Meddelelser om Grönland, 1911, vol. 45, p. 467
 Formation: Jurassic
 Location: "Kloft I," Store Koldewey Island
- sp. Ravn
 Copenhagen Univ. Min. & Geol. Mus. Comm. Paleont. No. 10,
 1911, p. 467
 Formation: Cretaceous
 Location: "Kloft I," Store Koldewey, Hochstetter's Foreland
- sp. Adkins and Winton
 Univ. of Texas Bull. 1945, 1919, p. 58, pl. XVI, fig. 1
 Formation: Cretaceous, Washita
 Locatin: North Texas
- sp. Roig
 Secretaria de Agr. Comercio y Trabajo Bul. Especial Habana,
 Cuba, 1920, p. 47
 Formation: Jurassic, Kimeridgian
 Location: Viñales
- strigilecula (White) Stanton
 U. S. Geol. Sur. Mon. 32, pt. 2, 1899, p. 610, no pl.
 Formation: Mesozoic
 Location: Yellowstone National Park
- strigilecula (White) Logan
 Kans. Univ. Quart., vol. 9, 1900, p. 120, Variety I, pl. XXVIII,
 figs. 1, 2, 5; Variety II, pl. XXVIII, figs. 3,4; Variety III, pl.
 XXVIII, fig. 6
 Formation: Jurassic
 Location: Freeze-out Hills, Wyoming
- subovata (Shum.) Cragin
 Texas Geol. Sur., 4th Ann. Rept., 1893, p. 207, no pl.
 Formation: Cretaceous, Washita limestone
 Location: Oklahoma; Texas; New Mexico; Kansas; Texas
- subspatulata (Forbes) Cragin
 Texas Geol. Sur., 4th Ann. Rept., 1893, p. 208, no pl.
 Formation: Cretaceous
 Location: At Tascalingo, Brewster county, Texas
- subspatulata (Forbes) Weller
 Geol. Sur. N. J. Pal., vol. 4, 1907, p. 440, pl. XLII, fig. 15
 Formation: Cretaceous, Wenonah sand
 Location: New Jersey
- subspatulata (Forbes) Gardner
 Maryland Geol. Sur., U. Cret., 1916, p. 561, pl. XXIII, fig. 3; pl.

XXIV, fig. 1

Formation: Cretaceous

Location: Maryland

— *subtrigonalis* (Evans and Shumard) Stanton and Hatcher

U. S. Geol. Sur. Bull. 257, 1905, p. 104, no pl.

Formation: Cretaceous, Judith River beds

Location: Montana

— *tecticosta* (Gabb) Weller

Geol. Sur. N. J. Pal., vol. 4, 1907, p. 443, pl. XLIII, figs. 17-19

Formation: Cretaceous, Wenonah sand

Location: New Jersey

— *tecticosta* (Gabb) Gardner

Maryland Geol. Sur., U. Cret., 1916, p. 560, pl. XXIV, figs. 2-4

Formation: Cretaceous, Monmouth

Location: Maryland

— *translucida* (M. & H.) Herrick and Johnson

Denison Univ. Sci. Lab. Bull., vol. 11, art. 9, 1900, p. 203, pl.

XXXIV, figs. 7, 8, 9, 10

Formation: Cretaceous

Location: Rio Puerco valley, New Mexico

— *uniformis* (Meek) Stanton

U. S. Geol. Sur. Bull. 106, 1893, p. 59, pl. III, figs. 3, 4

Formation: Cretaceous

Location: Pagosa springs, Colorado

— *wellerii* n. sp. Logan

Kan. Univ. Quart., vol. 8, 1899, p. 89, pl. XX, figs. 6, 7

Formation: Cretaceous

Location: Kansas

— *willistonii* sp. Logan

Kan. Univ. Quart., vol. 8, 1899, p. 89, pl. XXI, figs. 5, 6

Formation: Cretaceous

Location: Kansas

Owenites n. gen. Hyatt and Smith

U. S. Geol. Sur. Prof. Paper 40, 1905, p. 82, no pl.

Formation: Triassic

— *koeneni* n. sp. Hyatt and Smith

U. S. Geol. Sur. Prof. Paper 40, 1905, p. 83, pl. X, figs. 1-22

Formation: Triassic

Location: Inyo county, California

Oxytoma — see *Avicula*— *inaequivalvis* (Sowerby) var. *macroptera* (Roemer) Ravn

Meddelelser om Grönland, vol. 45, 1911, p. 454, pl. XXXII, fig. 1

Formation: Jurassic

Location: Northeast Greenland, Traekpasset on Store Koldewey Island

— *inaequivalvis* (Sowerby) (var. *Macroptera* Romer) Ravn

Copenhagen Univ. Min. and Geol. Mus. Comm. Paleont. No. 10, 1911, p. 454, pl. XXXII, fig. 1

Formation: Jurassic

Location: "Traekpasset," Store Koldewey Island

— *inaequivalvis* (Sowerby) (var. *Münsteri* Bronn) Ravn

Meddelelser om Grönland, vol. 45, 1911, p. 454

Formation: Jurassic

- Location: Greenland; North side of Vesterdalen at Danmarks Havn, South side of Vesterdalen
- **inaequivaivis** (Sowerby) (var. **Münsteri** Bronn) Ravn
Copenhagen Univ. Min. and Geol. Mus. Comm. Paleont. No. 10, 1911, p. 454
Formation: Jurassic
- Location: Vesterdalen at Danmarks Havn, Greenland
- Pachydiscus** (Zittel) Gardner
Maryland Geol. Sur., U. Cret., 1916, p. 378, no pl.
Formation: Cretaceous
- **binodatus** n. sp. Whiteaves
Geol. Sur. Can., Mesozoic Fossils, vol. 1, pt. 5, 1903, p. 347, pl. XLIX, figs. 1, 1a
Formation: Cretaceous
Location: Comox River near Comox, Vancouver Island
- **brazoensis** (Shum.) Cragin
Texas Geol. Sur., 4th Ann. Rept., 1893, p. 236, pl. XLIV, fig. 3
Formation: Cretaceous, Duck creek Limestone
Location: On Duck and Little Mineral creeks, Grayson county, Texas
- **complexus** (H. & M.) Cragin
Texas Geol. Sur., 4th Ann. Rept., 1893, p. 237, no pl.
Formation: Cretaceous
Location: On Seco Creek in Medina county, Texas
- **complexus** (Hall and Meek) Weller
Geol. Sur. N. J. Pal., vol. 4, 1907, p. 819 pl. CI, figs. 3, 4
Formation: Cretaceous, Wenonah sand
Location: New Jersey; Texas; Dakota; Nebraska
- **complexus** (Weller) Gardner
Maryland Geol. Sur., U. Cret., 1916, p. 378, no pl.
Formation: Cretaceous, Matawan
Location: Delaware; New Jersey; Western Interior
- **haradai** (Jimbo) Whiteaves
Can. Roy. Soc. Proc. and Trans, 2d ser., vol. 1, sec. 4, 1896, p. 132, pl. III, fig. 6
Formation: Cretaceous
Location: Nanaimo River, Vancouver
- **haradai** (Jimbo) Whiteaves
Can. Geol. Sur., Mesozoic Fossils, vol. 1, pt. 5, 1903, p. 345, no pl.
Formation: Cretaceous
Location: Ten miles from mouth of Nanaimo river, Vancouver Island
- **haradai** (var. **perplicatus**) Whiteaves
Can. Geol. Sur., Mesozoic Fossils, vol. 1, pt. 5, 1903 p. 346, pl. XLVIII, fig. 1
Formation: Cretaceous
Location: Comox River near Comox, Vancouver Island
- **henleyensis** n. sp. Anderson
Cal. Acad. Sci. Proc., 3d ser. Geol., vol. 2, No. 1, 1902, p. 104, pl. VIII, figs. 165-166
Formation: Cretaceous, Chico beds
Location: Henley, Siskiyou county, California
- **laevicaniculatus** n. sp. (F. Roemer Ms.) Lasswitz

- Geol. und Pale. Abh., N. F. 6, Heft. 4, 1904, Pag. 16, Taf. III (XV)
fig. 2, Text fig. 3
Formation: Cretaceous
Location: Texas
- *lewesiensis* (Mantell) Lasswitz
Geol. und Pale. Abh., N. F. 6, Heft. 4, 1904, pag. 17, (no pl.)
Formation: Cretaceous
Location: Texas
- *sp. indt. Böse*
Inst. Geol. de México, Bol. 30, 1913, p. 19, Lám. I, fig. 1
Formation: Lower Turonian
Location: Zacatecas
- *merriami* n. sp. Anderson
Cal. Acad. Sci. Proc., 3d ser. Geol., vol. 2, No. 1, 1902, p. 103, pl. VI, figs. 135-138
Formation: Cretaceous, Horsetown beds
Location: Helen creek, Shasta county, California
- *multisulcatus* n. sp. Whiteaves
Can. Geol. Sur., Mesozoic Fossils, vol. 1, pt. 5, 1903, p. 349, pl. L
Formation: Cretaceous
Location: North West Bay, Vancouver Island
- *Neevesii* n. sp. Whiteaves
Can. Geol. Sur., Mesozoic Fossils, vol. 1, pt. 5, 1903, p. 342, pl. XLVII, fig. 1
Formation: Cretaceous
Location: James Island, north of Victoria, Vancouver Island; Hornby Island; Sucia Islands
- *Newberryanus* (Meek not Gabb) Anderson
Cal. Acad. Sci. Proc., 3d ser. Geol., vol. 2, No. 1, 1902, p. 102, no pl.
Formation: Cretaceous, Chico beds
Location: Butte Co., California
- *Newberryanus* (Meek sp.) Whiteaves
Can. Geol. Sur., Mesozoic Fossils, vol. 1, pt. 5, 1903, p. 248, no pl.
Formation: Cretaceous
Location: Nanaimo, Vancouver Island; Comax, Vancouver Island
- *otacodensis* (Stoliczka) sp. Whiteaves
Can. Geol. Sur., Mesozoic Fossils, vol. 1, pt. 5, 1903, p. 340, pl. XLVI, fig. 1
Formation: Cretaceous
Location: Nanaimo, Vancouver Island; Hornby Island; Comax River, Comax, Vancouver Island
- *sacramenticus* n. sp. Anderson
Cal. Acad. Sci. Proc., 3d ser. Geol., vol. 2, No. 1, 1902, p. 105, pl. VI figs. 133-134; pl. X, fig. 195
Formation: Cretaceous, Horsetown
Location: Hulen Creek, Shasta County, California
- *sp. Whiteaves*
Can. Roy. Soc. Proc. and Trans., 2d ser., vol. 1, sec. 4, 1895, p. 116
Formation: Cretaceous
Location: Nanaimo River, Vancouver
- *suciensis* (Meek) sp. Whiteaves
Can. Geol. Sur., Mesozoic Fossils, vol. 1, pt. 5, 1903, p. 344, no pl.

- Formation: Cretaceous
Location: Northwest Bay, Vancouver Island; Sucia Islands
- Pachymelania** n. gen. White
U. S. Geol. Sur. Bull. 128, 1895, p. 50
- **chrysalis** (Meek) White
U. S. Geol. Sur. Bull. 128, 1895, p. 51, pl. VII, figs. 6, 7
Formation: Cretaceous, Bear River formation
Location: Evanston, Wyoming
- **chrysalloidea** (White) White
U. S. Geol. Sur. Bull. 128, 1895, p. 52, pl. VII, figs. 4, 5
Formation: Cretaceous, Bear River formation
Location: Evanston, Wyoming
- **cleburni** (White) White
U. S. Geol. Sur. Bull. 128, 1895, p. 51, pl. VII, figs. 1-3
Formation: Cretaceous, Bear River formation
Location: Near Evanston, Wyoming
- ? **macilenta** (White) White
U. S. Geol. Sur. Bull. 128, 1895, p. 54, pl. VII, fig. 9
Formation: Cretaceous, Bear River formation
Location: Wyoming
- **turricula** n. sp. White
U. S. Geol. Sur. Bull. 128, 1895, p. 53, pl. VII, figs 14, 15
Formation: Cretaceous, Bear River
Location: Evanston and Sage Station, Wyoming
- Pachymya austinensis** (Shumard) Shattuck
U. S. Geol. Sur. Bull. 205, p. 26, 1903, no. pl.
Formation: Cretaceous,
Location: Shoal Creek, Austin, Texas
- **austinensis** var. **budaensis** n. var. Whitney
Univ. of Texas Bull. 184, 1911, p. 16, pls. V; VI
Formation: Cretaceous, Buda
Location: Shoal Creek, Austin, Texas
- **austinensis** var. **budaensis** n. var. Whitney
Tex. Acad. Sci. Trans., vol. 12, 1913, p. 16, pls. V; VI
Formation: Cretaceous, Buda limestone
Location: Shoal Creek, Austin, Texas
- sp. Adkins and Winton
Univ. of Texas Bull. 1945, 1919, p. 75, pl. XVII, fig. 10
Formation: Cretaceous, Mainstreet, Weno
Location: North Texas
- Paladmete** n. gen. Gardner
Maryland Geol. Sur., U. Cret., 1916, p. 412, no pl.
Formation: Cretaceous
- **cancellaria** (Conrad) Gardner
Maryland Geol. Sur., U. Cret., 1916, p. 413, pl. XVIII, figs. 14, 15
Formation: Cretaceous, Monmouth, Ripley
Location: Maryland; Mississippi
- Palaeastacus** (?) **ornatus** (Whiteaves) Woodward
Geol. Mag. n. s. dec. 4, vol. 7, 1900, p. 399
Formation: Upper Cretaceous
Location: Sounding Creek, Vancouver
- Palaeocorystes** (Bell) Woodward
Geol. Soc. London Quart. Journ. vol. 52, 1896, p. 225

- *Harveyi* n. sp. Woodward
 Geol. Soc. London Quart. Journ., vol. 52, 1896, p. 225, fig. 4
 Formation: Cretaceous
 Location: Comax River, Vancouver Island
- *Harveyi* (Woodward) Whiteaves
 Can. Geol. Sur., Mesozoic Fossils, vol 1, pt. 5, 1903, p. 317, no pl.
 Formation: Cretaceous
 Location: Comax River, Vancouver Island
- Palæoneilo* (Hall) Burckhardt
 Inst. Geol. de México, Bol. 21, 1905, p. 10
- Palæoneilo Aguilerae* n. sp. Burckhardt
 Inst. Geol. de México, Bol. 21, 1905, p. 24 Lám. IV, figs. 2a-f;
 Lám. VI, fig. 5; Lám. VII, fig. 10
 Formation: Upper Triassic
 Location: Puente del Ahogado, Zacatecas
- *bosei* n. sp. Burckhardt
 Inst. Geol. de México, Bol. 21, 1905, p. 23, Lám. IV, figs. 3a-e;
 Lám. VII, fig. 8
 Formation: Upper Triassic
 Location: Puente del Ahogado, Zacatecas
- *broilii* n. sp. Burckhardt
 Inst. Geol. de Mexico, Bol. 21, 1905, p. 16, Lám. II figs. 3a-m;
 Lám. VI, fig. 2; Lám. VII, fig. 3
 Formation: Upper Triassic
 Location: Puente del Ahogado, Zacatecas
- *burckhardti* n. sp. Burckhardt
 Inst. Geol. de México, Bol. 21, 1905, p. 18, Lám. III, figs. 2a-d;
 Lám. VI, fig. 6; Lám. VII, fig. 4
 Formation: Upper Triassic
 Location: Puente del Ahogado, Zacatecas
- *circularis* n. sp. Burckhardt
 Inst. Geol. de México, Bol. 21, 1905, p. 27, Lám. IV, figs. 6a, b;
 Lám. VII, fig. 5
 Formation: Upper Triassic
 Location: Puente del Ahogado, Zacatecas
- *cordiformis* n. sp. Burckhardt
 Inst. Geol. de México, Bol. 21, 1905, p. 28, Lám. V, figs. 1a, 1b
 Formation: Upper Triassic
 Location: Puente del Ahogado, Zacatecas
- *cordobæ* n. sp. Burckhardt
 Inst. Geol. de México, Bol. 21, 1905, p. 21, Lám. II, figs. 6a-b
 Formation: Upper Triassic
 Location: Puente del Ahogado, Zacatecas
- *costata* n. sp. Burckhardt
 Inst. Geol. de México, Bol. 21, 1905, p. 32, Lám. V, figs. 7a-d; Lám.
 VII, fig. 15
 Formation: Upper Triassic
 Location: Puente del Ahogado, Zacatecas
- *frechi* n. sp. Burckhardt
 Inst. Geol. de México, Bol. 21, 1905, p. 19, Lám. II, figs. 4a-b
 Formation: Upper Triassic
 Location: Puente del Ahogado, Zacatecas

- *humboldti* n. sp. Burckhardt
Inst. Geol. de México, Bol. 21, 1905, p. 26, Lám. IV, figs. 5a-d;
Lám. VII, fig. 9
Formation: Upper Triassic
Location: Puente del Ahogado, Zacatecas
- *inflata* n. sp. Burckhardt
Inst. Geol. de México, Bol. 21, 1905, p. 25, Lám. IV, figs. 1a-f,
Lám. VI, fig. 4; Lám. VII, fig. 11
Formation: Upper Triassic
Location: Puente del Ahogado, Zacatecas
- *ledæformis* n. sp. Burckhardt
Inst. Geol. de México, Bol. 21, 1905, p. 31, Lám. V, figs. 6a-e;
Lám. VII, fig. 14
Formation: Upper Triassic
Location: Puente del Ahogado, Zacatecas
- *longa* n. sp. Burckhardt
Inst. Geol. de México, Bol. 21, 1905, p. 14, Lám. II, figs. 1a-b
Formation: Upper Triassic
Location: Puente del Ahogado, Zacatecas
- ? *cf. lunaris* (J. Böhm) Kittl
Second Norwegian Arctic Exped. in the Fram, Rept. No. 7, 1907,
p. 32, Taf. III, fig. 5
Formation: Triassic
Location: Hutinsel im Bayjord
- *mexicana* n. sp. Burckhardt
Inst. Geol. de México, Bol. 21, 1905, p. 20, Lám. III, figs. 1a-d;
Lám. VII, figs. 16, 17
Formation: Upper Triassic
Location: Puente del Ahogado, Zacatecas
- *ordonezi* n. sp. Burckhardt
Inst. Geol. de México, Bol. 21, 1905, p. 33, Lám. V, figs. 5a-d;
Lám. VII, fig. 13
Formation: Upper Triassic
Location: Puente del Ahogado, Zacatecas
- *quadrata* n. sp. Burckhardt
Inst. Geol. de México, Bol. 21, 1905, p. 30, Lám. V, figs. 4a-b
Formation: Upper Triassic
Location: Puente del Ahogado, Zacatecas
- *rectangularis* n. sp. Burckhardt
Inst. Geol. de México, Bol. 21, 1905, p. 30, Lám. V, figs. 3a-d;
Lám. VI, fig. 3; Lám. VII, fig. 12
Formation: Upper Triassic
Location: Puente del Ahogado, Zacatecas
- *triangularis* n. sp. Burckhardt
Inst. Geol. de México, Bol. 21, 1905, p. 22, Lám. III, figs. 3a-h;
Lám. VII, figs. 6, 7
Formation: Upper Triassic
Location: Puente del Ahogado, Zacatecas
- *villadæ* n. sp. Burckhardt
Inst. Geol. de México, Bol. 21, 1905, p. 19, Lám. II, figs. 5a-b
Formation: Upper Triassic
Location: Puente del Ahogado, Zacatecas
- *waitzi* n. sp. Burckhardt

- Inst. Geol. de México, Bol. 21, 1905, p. 29, Lám. V., figs. 2a-d
 Formation: Upper Triassic
 Location: Puente del Ahogado, Zacatecas
- **zacatecana** n. sp. Burckhardt
 Inst. Geol. de México, Bol. 21, 1905, p. 15, Lám. II, figs. 2a-f;
 Lám. VII, figs. 1-2
 Formation: Upper Triassic
 Location: Puente del Ahogado, Zacatecas
- Palaeopharus Scheii** n. g.—n. sp. Kittl
 Second Norwegian Arctic Exped. in the Fram Rept. No. 7, 1907,
 p. 34, Taf. III, fig. 1-4
 Formation: Triassic, Bärenspitze nachst der Bärenbucht
 Location: Heurekaunde: Depot auf der Grossen Insel im Heurekaunde Hutinsel in Bayfjord
- Panopæa** (Panope) (Menard) Gardner
 Maryland Geol. Sur., U. Cret. 1916, p. 719
- (Panope) **bonaspes** n. sp. Gardner
 Maryland Geol. Sur., U. Cret. 1916, p. 723, pl. XLV, fig. 2
 Formation: Cretaceous, Magothy
 Location: Maryland (District of Columbia)
- **concentrica** (Gabb) Whiteaves
 Can. Geol. Sur., Mesozoic Fossils, vol. 1, pt. 5, 1903, p. 375, no pl.
 Formation: Cretaceous
 Location: Texada Island
- [Panopea] **decisa** (Conrad) Weller
 Geol. Sur. N. J. Pal., vol. 4, 1907, p. 646, pl. LXXIII, figs. 3-5
 Formation: Cretaceous, Merchantville clay-marl, Woodbury clay,
 Wenonah sand, Navesink marl, Red Bank sand
 Location: New Jersey; Alabama; Mississippi; Texas
- [Panope] **-decisa** (Conrad) Gardner
 Maryland Geol. Sur., U. Cret., p. 721, no pl.
 Formation: Cretaceous, Matawan, Peedee, Eutaw, Ripley
 Location: Delaware; New Jersey; North and South Carolina;
 Mississippi
- [Panopea] **elliptica** (Whitfield) Weller
 Geol. Sur. N. J. Pal., vol. 4, 1907, p. 647, pl. LXXXIII, figs. 1-2
 Formation: Cretaceous, Manasquan marl
 Location: New Jersey
- [Panope] **monmouthensis** n. sp. Gardner
 Maryland Geol. Sur., U. Cret., 1916, p. 722, pl. XLV, figs. 4, 5
 Formation: Cretaceous, Monmouth
 Location: Maryland
- **simulatrix** (Whiteaves) Stanton and Hatcher
 U. S. Geol. Sur. Bull. 257, p. 112, 1905, no pl.
 Formation: Cretaceous, Judith River beds
 Location: Montana
- **simulatrix** (Whiteaves)? Stanton
 U. S. Geol. Sur. Prof. Paper 98, 1916, p. 316, no pl.
 Formation: Upper Cretaceous
 Location: San Juan Basin, New Mexico
- (Panope) **simulatrix** Whiteaves? Stanton and Vaughan
 U. S. Geol. Sur. Prof. Paper 128A, 1920, p. 32, pl. VI, fig. 3
 Formation: Cretaceous, Cannonball

- Location: Mandan, N. Dakota; Lemmon, S. Dakota
 — [Panopea] ? sp. Hyatt
 Geol. Soc. Amer. Bull. vol. 5, 1894, p. 416, no pl.
 Formation: Triassic and Jurassic
 Location: Sailor's Canyon, California
- sp. Lundgren
 Meddelelser om Grönland, vol. 19, 1895, p. 209
 Formation: Jurassic
 Location: Kap Stewart, East Greenland
- Toulai n. sp. Lundgren
 Meddelelser om Grönland, No. 19, 1895, p. 207, pl. V, fig. 30a-b
 Formation: Jurassic
 Location: Kap Stewart, East Greenland
- Paraceratites**—See **Ceratites**
- Paracyathus vaughani** n. sp. weller
 Geol. Sur. N. J. Pal. vol. 4, 1907, p. 270, pl. V, figs. 11-13
 Formation: Cretaceous, Navesink marl
 Location: New Jersey
- Parafusus** n. gen. wade
 Phila. Acad. Nat. Sci. Proc., 1918, vol. 70, p. 114
 (See **Hyallus**)
- Paraganides** n. gen. Hyatt and Smith
 U. S. Geol. Sur. Prof. Paper 40, 1905, p. 77, no pl.
 Formation: Triassic
- **californicus** n. sp. Hyatt and Smith
 U. S. Geol. Sur. Prof. Paper 40, 1905, p. 78, pl. LXXX, figs. 12-21
 Formation: Triassic
 Location: Shasta County, California
- **californicus** (Hyatt and Smith) Smith
 Leland Stan. Jr. Univ. Pub. 1914, pl. VI, figs. 22-26
 Formation: Upper Triassic
 Location: California
- Parahoplites** cfr. **aschiltænsis** (Anthula) Burekhardt
 Inst. Geol. de México, Bol. 23, 1906, p. 192, Lám. XLII, fig. 8
 Formation: Cretaceous
 Location: Mazapil, Mexico
- cfr. **milletianus** (Pictet sp.) Burekhardt
 Inst. Geol. de México, Bol. 23, 1906, p. 194, Lám. XLIII, figs. 4-5,
 8-11
 Formation: Cretaceous
 Location: Mazapil, Mexico
- sp. indt. Burekhardt
 Inst. Geol. de México, Bol. 23, 1906, p. 195, Lám. XLIII, fig. 6
 Formation: Cretaceous
 Location: Mazapil, Mexico
- sp. indt. Burekhardt
 Inst. Geol. de México, Bol. 23, 1906, p. 192, Lám. XLII, figs. 9, 10;
 Lám. XLIII, figs. 1, 3, 7
 Formation: Cretaceous
 Location: Mazapil, Mexico
- cfr. **treffryanus** (Anthula) Burekhardt
 Inst. Geol. de México, Bol. 23, 1906, p. 193, Lám. XLIII, fig. 2
 Formation: Cretaceous

- Location: Mazapil, Mexico
Paralecanites (Diener) Hyatt and Smith
 U. S. Geol. Sur. Prof. Paper. 40, 1905, p. 136, no pl.
 Formation: Triassic
- *arnoldi* n. sp. Hyatt and Smith
 U. S. Geol. Sur. Prof. Paper. 40, 1905, p. 136, pl. LXIV, figs. 1-16;
 pl. LXXVII, figs 9-12
 Formation: Triassic
 Location: Idaho
- Paralenticeras* Hyatt
 U. S. Geol. Sur. Mon. 44, p. 85, 1903, no pl.
- Paramorea* n. gen. Wade
 Phila. Acad. Nat. Sci. Proc., 1917, vol. 69, p. 295
- *lirata* n. sp. Wade
 Phila. Acad. Nat. Sci. Proc., 1917, vol. 69, p. 296, pl. XVII, figs.
 9, 10
 Formation: Cretaceous, Ripley
 Location: Coon Creek, McNairy Co., Tenn
- Paranannites* n. gen. Hyatt and Smith
 U. S. Geol. Sur. Prof. Paper. 40, 1905, p. 80, no pl.
 Formation: Lower Triassic
- *aspenensis* n. sp. Hyatt and Smith
 U. S. Geol. Sur. Prof. Paper. 40, 1905, p. 81, pl. VIII, figs. 1-15;
 pl. LXXXIII, figs 1-30
 Formation: Triassic
 Location: Idaho
- *aspenensis* (Hyatt and Smith) Smith
 Leland Stanford Jr. Univ. Pub. 1914, pl. XI, figs 15-20
 Formation: Triassic
 Location: Idaho
- *oviformis* n. sp. Smith
 U. S. Geol. Sur. Prof. Paper 83, 1914, p. 46, pl. XXXIV, figs. 16-17
 Formation: Triassic
 Location: Inyo County, California
- Paranautilus multicameratus* (Gabb) Smith
 U. S. Geol. Sur. Prof. Paper 83, 1914, p. 143, pl. XVI, figs. 4, 5; pl.
 XCV, figs. 3, 4
 Formation: Triassic
 Location: West Humboldt range, Nevada
- Paranomia* (Conard) Gardner
 Maryland Geol. Sur., U. Cret., 1916, p. 604, no pl.
 Formation: Cretaceous
 Location: Maryland
- *lineata* (Conrad) Gardner
 Maryland Geol. Sur., U. Cret., 1916, p. 606, pl. XXXV, figs. 11, 12
 Formation: Cretaceous, Matawan, Monmouth, Ripley
 Location: Delaware; New Jersey; Tennessee
- *scabra* (Morton) Weller
 Geol. Sur. N. J. Pal., vol. 4, 1907, p. 500, pl. LII, figs. 10-13
 Formation: Cretaceous, Merchantville clay-marl; Marshalltown
 clay-marl; Navesink clay-marl
 Location: New Jersey; Alabama; Mississippi; Tennessee
- *scabra* (Morton) (Conrad) Gardner

- Maryland Geol. Sur., U. Cret., 1916, p. 605, no pl.
 Formation: Cretaceous, Matawan, Peedee, Eutaw, Ripley, Selma
 Location: Delaware; New Jersey; North and South Carolina;
 Mississippi; Alabama; Georgia
- Parapholas** sp. Logan
 Kan. Univ. Geol. Sur., vol. 4, 1898, p. 459, no pl.
 Formation: Cretaceous. Benton
 Location: Kansas
- **sphenoideus** (White) Stanton
 U. S. Geol. Sur., Bull. 106, 1893, p. 125, pl. XXVII, figs. 1-2
 Formation: Cretaceous
 Location: Near base of Coalville section, Upper Kanab valley,
 Utah
- **sphenoideus** (White) Logan
 Kan. Univ. Geol. Sur., vol. 4, 1898, p. 495, pl. XCIX, fig. 12
 Formation: Cretaceous, Uppermost Fort Hays limestone; Lower-
 most Ornithostoma beds
 Location: Near Hays City, Kansas
- Parapopanoceras**-see **Popanoceras**
- Parapopanoceras** (Haug) Hyatt and Smith
 U. S. Geol. Sur. Prof. Paper 40, 1905, p. 71, no pl.
 Formation: Triassic
 Location: North Asia; California
- Parasmilia austinensis** (Roemer) Adkins and Winton
 Univ. of Texas. Bull. 1945, 1919, p. 79, pl. 19, figs. 27-30
 Formation: Cretaceous, Goodland
 Location: North Texas
- **texana** n. sp. Vaughan
 U. S. Geol. Sur. Bull. 205, 1903, p. 37, pl. XXVII, figs. 1-3
 Formation: Cretaceous
 Location: Shoal Creek, Austin
- Paratropites** (Mojsisovics) Hyatt and Smith
 U. S. Geol. Sur. Prof. Paper 40, 1905, p. 53, no pl.
 Formation: Triassic
 Location: California
- (Mojsisovics) Smith
 Cal. Acad. Sci. Proc. 3d ser., vol. 1, 1904, p. 395
 Formation: Triassic, Karnic
 Location: California
- (**Gymnotropites**) **americanus** n. sp. Hyatt and Smith
 U. S. Geol. Sur. Prof. Paper 40, 1905, p. 56, pl. XXXII, figs. 1-10
 Formation: Triassic
 Location: Shasta County, California
- **dittmari** (Mojsisovics) Smith
 Cal. Acad. Sci. Proc., 3d ser., vol. 1, 1904, p. 396 pl. XLVI, fig. 1;
 pl. XLVII, fig. 1
 Formation: Triassic, Karnic
 Location: California
- **sellai** (Mojsisovics) Hyatt and Smith
 U. S. Geol. Sur. Prof. Paper 40, 1905, p. 54, pl. XXX, figs. 6-10;
 pl. XXXI, figs. 1-26
 Formation: Triassic
 Location: Shasta County, California

- *sellai* (Mojsisovics) Smith
Leland Stan. Jr. Univ. Pub. 1914, pl. V, figs. 14-19
Formation: Upper Triassic
Location: Shasta County, California
- Patella tentorium* (Morton) Weller
Geol. Sur. N. J. Pal., vol. 4, 1907, p. 663, pl. LXXV, figs. 5-6
Formation: Cretaceous, Navesink marl
Location: New Jersey
- *sp. Shattuck*
U. S. Geol. Sur. Bull. 205, 1903, p. 30, pl. XIX, fig. 1
Formation: Cretaceous
Location: Shoal Creek, Austin, Texas
- Patellina texana* (Roemer) Hill
Wash. Biol. Soc. Proc., vol. 8, 1893, p. 20, pl. I, fig. 2 (copied after Roem.), 2a-d
Formation: Cretaceous, Glen Rose beds
Location: Texas
- Pecten* (Müller) Gardner
Maryland Geol. Sur., U. Cret., 1916, p. 587, no pl.
Formation: Cretaceous
- *argillensis* (Conrad) Weller
Geol. Sur. N. J. Pal., vol. 4, 1907, p. 472, pl. XLIX, figs. 1-4
Formation: Cretaceous, Merchantville marl; Woodbury clay; Wenonah sand; Navesink marl
Location: Mississippi; Texas; New Jersey
- *argillensis* (Conrad) Gardner
Maryland Geol. Sur., U. Cret., 1916, p. 588, pl. XXXIV, figs 3-5
Formation: Cretaceous, Monmouth, Matawan, Black Creek, Eutaw, Ripley
Location: Maryland; New Jersey; North and South Carolina; Mississippi; Georgia; Alabama
- *bellula* (Cragin) Adkins and Winton
Univ. of Texas. Bull 1945, 1919, p. 69, pl. XI, figs. 3-7
Formation: Cretaceous, Duck Creek, Fort Worth
Location: North Texas
- *bensoni* n. sp. Kniker
Univ. of Texas. Bull. No. 1817, p. 16, 1918, pl. I, figs. 7-13
Formation: Cretaceous, Austin chalk
Location: Austin
- *bonnellensis* n. sp. Kniker
Univ. of Texas Bull. No. 1817, 1918, p. 13, pl. I, figs. 1-2
Formation: Cretaceous, Georgetown
Location: Mount Bonnell, Austin
- *burlingtonensis* (Gabb) Weller
Geol. Sur. N. J. Pal. vol. 4, 1907, p. 470, pl. XLIX, figs. 5-9
Formation: Cretaceous, Merchantville marl; Woodbury clay; Wenonah sand
Location: New Jersey
- *californicus* (Gabb) ? Stanton
U. S. Geol. Sur. Bull. 133, 1895, p. 36, pl. II, fig. 10
Formation: Cretaceous, Knoxville beds
Location: Cottonwood creek, California
- *callosus* n. sp. Lundgren

- Meddeleser om Grönland, vol. 19, 1895, p. 200, pl. III, fig. 15
 Formation: Jurassic
 Location: Kap Stewart, East Greenland
- (*Camptonectes*) *Broenlundi* n. sp. Ravn
 Meddeleser om Grönland, vol. 45, 1911, p. 465, pl. XXXIV, figs. 5 and 6
 Formation: Jurassic
 Location: "Kloft I" Store Koldewey Island, Hochstetter's Foreland, Vesterdalen at Danmarks Havn.
- (*Camptonectes*) *Broenlundi* n. sp. Ravn
 Copenhagen Univ. Min. and Geol. Mus. Comm. Paleont. No. 10, 1911, p. 465, pl. XXXIV, fig. 5, 6
 Formation: Jurassic
 Location: "Kloft I" Store Koldewey Island, Hochstetter's Foreland
- *Chihuahuiensis* n. sp. Böse
 Inst. Geol. de México, Bol. 25, 1910, p. 93, Lám. XV, fig. 1
 Formation: Lower Cenomanian
 Location: Cerro de Muleros
- (*Entolium*) *cingulatus* (Phillips) Ravn
 Meddeleser om Grönland, vol. 45, 1911, p. 464, pl. XXXIII, fig. 7
 Formation: Jurassic
 Location: Store Koldewey Island
- (*Entolium*) *cingulatus* (Phillips) Ravn
 Copenhagen Univ. Min. and Geol. Mus. Comm. Paleont. No. 10, 1911, p. 464, pl. XXXIII, fig. 7
 Formation: Jurassic
 Location: "Store Koldewey Island"
- *clarkensis* n. s. Hall and Ambrose
 Nautilus, Vol. 3, 1916, No. 6, p. 68
 Formation: Cretaceous, Horsetown
 Location: New Milpitos, California
- *cleburnensis* n. sp. Adkins and Winton
 Univ. of Texas Bull. 1945, 1919, p. 71, pl. XII, fig. 1
 Formation: Cretaceous, Mainstreet limestone
 Location: Texas
- *cliffwoodensis* n. sp. Weller
 Geol. Sur. N. J. Pal., vol. 4, 1907, p. 469, pl. L, figs. 7-8
 Formation: Cretaceous, Cliffwood clay
 Location: New Jersey
- *cliffwoodensis* (Weller) Gardner
 Maryland Geol. Sur., U. Cret., 1916, p. 592, no pl.
 Formation: Cretaceous, Matawan, Magothy
 Location: Maryland, New Jersey
- *complexicosta* (Gabb) Stanton
 U. S. Geol. Sur. Bull. 133, 1895, p. 37, pl. II, figs. 7-9
 Formation: Cretaceous
 Location: Wilbur Springs, Sulphur Creek, Colusa County, Calif.
- *conradi* (Whitfield) (Johnson) Gardner
 Maryland Geol. Sur., U. Cret., p. 593, no pl.
 Formation: Cretaceous, Matawan, Monmouth
 Location: Maryland; New Jersey

- **conradi** (Whitfield) Weller
 Geol. Sur. N. J. Pal., vol. 4, 1907, p. 474, pl. L, figs. 1-4
 Formation: Cretaceous, Merchantville clay-marl, Woodbury clay,
 Marshalltown marl, Wenonah marl, Navesink marl
 Location: New Jersey; Mississippi; Texas
- **craticulus** (Morton) Weller
 Geol. Sur. N. J. Pal. vol. 4, 1907, p. 478, pl. L. figs. 15-16
 Formation: Cretaceous, Navesink marl?
 Location: New Jersey
- (**Entolium**) **demissus** (Bean) Ravn
 Meddelelser om Grönland, vol. 45, 1911, p. 463, pl. XXXIII, fig. 3
 Formation: Jurassic
 Location: Boulder east side of Harefjæld at Danmarks Havn
- (**Entolium**) **demissus** (Bean) Ravn
 Copenhagen Univ. Min. and Geol. Mus. Comm. Paleont, No. 10,
 1911, p. 463, pl. XXXIII, fig. 3
 Formation: Jurassic
 Location: Harefjæld at Danmarks Havn
- **duplicicosta** (?) (Roemer) Shattuck
 U. S. Geol. Sur. Bull. 205, 1903, p. 16, pl. V, fig. 5
 Formation: Cretaceous, Buda limestone
 Location: Shoal Creek, Austin, Texas; Onion creek, Buda, Tex.
- (**Entolium**) **erraticus** (Fiebelkorn ?) Ravn
 Meddelelser om Grönland, vol. 45, 1911, p. 464
 Formation: Jurassic
 Location: Danmarks Havn, Harefjæld
- (**Entolium**) **erraticus** (Fiebelkorn ?) Ravn
 Copenhagen Univ. Min. and Geol. Mus. Comm. Paleont No. 10,
 1911, p. 464
 Formation: Jurassic
 Location: Vesterdalen Danmarks Havn
- **georgetownensis** (Kniker) Adkins
 Univ. of Texas Bull. No. 1856, 1918, p. 125, no pl.
 Formation: Cretaceous, Weno
 Location: Texas
- **georgetownensis** (Kniker) Adkins and Winton
 Univ. of Texas Bull. 1945, 1919, p. 70, pl. XII, figs. 5-6
 Formation: Cretaceous, Weno
 Location: Texas
- (**Camptonectes**) **harfordus** n. sp. Davis
 Journ. Geol. Vol. 21, 1913, p. 456, figs. 3, 5, 6
 Formation: Jurassic
 Location: Port Harford San Luis, Obispo Co. California
- **inconspicuus** (Cragin) Adkins
 Univ. of Texas Bull. No. 1856, 1918, p. 123, pl. XI, fig. 4
 Formation: Cretaceous, Weno, Pawpaw
 Location: Denison, Texas
- **inconspicuus** n. sp. Cragin
 Col. Coll. Studies, 5th Ann. Rept. 1894, p. 52, no pl.
 Formation: Cretaceous, Pawpaw clays
 Location: Denison. Texas
- (**Camptonectes**) **insutus** n. sp. Cragin

- U. S. Geol. Sur. Bull. 266, 1905, p. 44, pl. IV, figs. 11-12
 Formation: Jurassic
 Location: Malone, Texas
- **irregularis** (Boese) Adkins and Winton
 Univ. of Texas Bull. 1945, 1919, p. 67, pl. XI, figs. 11-15
 Formation: Cretaceous, Glen Rose to Kiamitia
 Location: Texas
- **Johnstrupi** n. sp. Lundgren
 Meddelelser om Grönland, vol. 19, 1895, p. 199, pl. III, fig. 13
 Formation: Jurassic
 Location: Kap Stewart, East Greenland
- sp. cf. **Johnstrupi** (Lundgren) Madsen
 Meddelelser om Grönland, vol. 29, 1903, p. 175
 Formation: Jurassic
 Location: Vardekløft, Greenland
- **manchacensis** n. sp. Kniker
 Univ. of Texas Bull. No. 1817, p. 14, pl. I, figs. 3-4
 Formation: Cretaceous, Buda
 Location: Manchaca and Austin
- **meekanus** (Whiteves) Whiteaves
 Can. Geol. Sur., Mesozoic Fossils, vol. 1, pt. 4, 1900, p. 300, no pl.
 Formation: Cretaceous
 Location: East end of Maud Island; South side of Alliford Bay
- (**Entolium**) cf. **Obergi** (Lundgren) Kittl
 Second Norwegian Arctic Exped. in the Fram, Rept. No. 7, 1907, p. 26, Taf. II, fig. 8
 Formation: Triassic
 Location: Bärenspitze (loser Block) in der Börenbucht im Heureka-sund; Hutinsel im Bayfjord
- (**Entolium**) **Obergi** (Lundgren) Kittl
 Second Norwegian Arctic Exped. in the Fram, Rept. No. 7, 1907, p. 27
 Formation: Triassic
 Location: Heureka-sund
- (**Chlamys**) **Oscari** n. sp. Kittl
 Second Norwegian Arctic Exped. in the Fram, Rept. No. 7, 1907, p. 27, Taf. II, figs. 9 and 10
 Formation: Triassic
 Location: Depot auf der Grossen Insel im Heureka-sund Hutinsel in Bayfjord
- **parvus** (Whitfield) Weller
 Geol. Sur. N. J. Pal., vol. 4, 1907, p. 477, pl. L, figs. 5-6
 Formation: Cretaceous, Navesink marl
 Location: New Jersey; Mississippi
- **quinquecostatus** (Sowerby) Shattuck
 U. S. Geol. Sur. Bull. 205, 1903, p. 16, pl. V, figs. 2-4
 Formation: Cretaceous, Buda Limestone
 Location: Shoal Creek, Austin, Texas
- **quinquecostatus** (Sowerby) Gardner
 Maryland Geol. Sur., U. Cret., 1916, p. 596, pl. XXXIV, fig. 10
 Formation: Cretaceous, Magothy, Matawan, Monmouth, Entow,
 Ripley, Selma, Cenomanian, Tenonian

- Location: Maryland; Delaware; New Jersey; Georgia; Mississippi; Alabama; Mexico
- *quinquenaria* (Conrad) Weller
 Geol. Sur. N. J. Pal., vol. 4, 1907, p. 476, pl. L, figs. 10-13
 Formation: Cretaceous, Wenonah sand, Navesink marl
 Location: New Jersey; Mississippi
- *Rinki* n. sp. Lundgren
 Meddelelser om Grönland, vol. 19, 1895, p. 200, pl. III, fig. 14
 Formation: Jurassic
 Location: Kap Stewart, East Greenland
- *roemeri* (Hill) Shattuck
 U. S. Geol. Sur. Bull. 205, 1903, p. 15, pl. II-IV, V, fig. 1
 Formation: Cretaceous, Buda Limestone
 Location: Shoal Creek, Austin, Texas
- *siederensis* n. sp. Kniker
 Univ. of Texas Bul. 1817, 1918, p. 15, pl. i, figs. 5, 6
 Formation: Cretaceous, Buda
 Location: Sieder springs, Austin
- sp. Stanton
 U. S. Geol. Sur. Bull. 133, 1895, p. 37, pl. II, fig. 6
 Formation: Cretaceous, Knoxville beds
 Location: California
- sp. Madsen
 Meddelelser om Grönland, vol. 29, 1903, p. 175, pl. VI, fig. 10
 Formation: Jurassic
 Location: Aucella River, Jameson's Land
- (*Camptonectes*) sp. Ravn
 Meddelelser om Grönland, vol. 45, 1911, p. 466
 Formation: Jurassic
 Location: Harefjaeld at Danmarks Havn
- (*Camptonectes*) sp. Ravn
 Copenhagen Univ. Min. and Geol. Mus. Comm. Paleont. No. 10, 1911, p. 466
 Formation: Jurassic
 Location: Harefjaeld at Danmarks Havn
- (*Camptonectes*) sp. Ravn
 Meddelelser om Grönland, vol. 45, 1911, p. 466
 Formation: Jurassic
 Location: "Kloft I" Store Koldewey Island
- (*Camptonectes*) sp. Ravn
 Copenhagen Univ. Min. and Geol. Mus. Comm. Paleont. No. 10, 1911, p. 466
 Formation: Jurassic
 Location: "Kloft II" Store Koldewey Island
- ? sp. Kittl
 Second Norwegian Arctic Exped. in the Fram. Rept. No. 7, 1907, p. 29, Taf. II, fig. 3
 Formation: Triassic
 Location: Hutinsel im Bayfjord
- sp. cf. *Rinki* (Lundgren) Madsen
 Meddelelser om Grönland, vol. 29, 1903, p. 175
 Formation: Jurassic

- Location: Vardekløft Greenland
- *sp.* (aff. *Stewartianus* Lundgren) Madsen
Meddelelser om Grønland, vol. 29, 1903, p. 175
Formation: Jurassic
Location: Vardekløft, Greenland
- *sp.* *Whiteaves*
Can. Roy. Soc. Proc. Trans., 2d ser. vol. 1, sec. 4, 1896, p. 105
Formation: Cretaceous
Location: Long River, Souris Hills, Manitoba
- *simplicius* (Conrad) Weller
Geol. Sur. N. J. Pal., vol. 4, 1907, p. 480, pl. LI, fig. 6
Formation: Cretaceous, Red Bank sand, Tinton beds
Location: New Jersey; Alabama; Mississippi; Texas; Arkansas
- *simplicius* (Conrad) Gardner
Maryland Geol. Sur., U. Cret., 1916, p. 595, pl. XXXIV, figs. 8-9
Formation: Cretaceous, Matawan, Monmouth, Black creek, Pee-dee, Eutaw, Ripley
Location: Maryland; New Jersey; North and South Carolina; Georgia; Alabama; Mississippi
- *stantoni* n. *sp.* Hill
Wash. Biol. Soc. Proc., vol. 8, 1893, p. 24, pl. II figs. 3-3a
Formation: Cretaceous, Glen Rose
Location: On Paluxy Creek near Glen Rose, Texas
- *Stewartianus* n. *sp.* Lundgren
Meddelelser om Grønland, vol. 19, 1895, p. 198, pl. III, fig. 12
Formation: Jurassic
Location: Kap Stewart, East Greenland
- *subalpina* (Boese) Adkins and Winton
Univ. of Texas Bull. 1945, 1919, p. 68, pl. XI, figs. 1, 2; pl. XII, fig. 16
Formation: Cretaceous, Fredericksburg and Washita
Location: Texas
- *texanus* (Roemer) Shattuck
U. S. Geol. Sur. Bull. 205, 1903, p. 17, pl. V, figs. 6-8
Formation: Cretaceous
Location: Shoal Creek, Austin, Texas
- *texanus* (Roemer) Adkins and Winton
Univ. of Texas Bull. 1945, 1919, p. 71, pl. XII, fig. 2
Formation: Cretaceous, Washita and Fredericksburg
Location: Texas
- *tenuitestus* (Gabb) Weller
Geol. Sur. N. J. Pal. vol. 4, 1907, p. 467, pl. L, fig. 9
Formation: Cretaceous, Navesink marl
Location: New Jersey
- *traskii* (Gabb) Whiteaves
Can. Geol. Sur., Mesozoic Fossils, vol. 1, pt. 5, 1903, p. 339, no pl.
Formation: Cretaceous
Location: Texada Island of the Queen Charlotte Islands
- *venustus* (Morton) Weller
Geol. Sur. N. J. Pal., vol. 4, 1907, p. 478, pl. LI, figs. 1-5
Formation: Cretaceous, Marshalltown clay marl, Navesink marl, Red Bank sand, Tinton beds
Location: New Jersey

- *venustus* (Morton) Gardner
Maryland Geol. Sur., U. Cret., 1916, p. 591, pl. XXXIV, figs. 6-7
Formation: Cretaceous, Matawan, Monmouth, Ripley, Selma
Location: Delaware; New Jersey; Mississippi; Alabama
- *whitfieldi* n. sp. Weller
Geol. Sur. N. J. Pal., vol. 4, 1907, p. 468, pl. L, fig. 14
Formation: Cretaceous, Navesink marl
Location: New Jersey
- *whitfieldi* (Weller) Gardner
Maryland Geol. Sur., U. Cret., 1916, p. 589, no pl.
Formation: Cretaceous, Monmouth
Location: Maryland; New Jersey
- *wrighti* (Shumard) Whitney
Univ. of Texas Bull. 184, 1911, p. 13, pl. I, fig. 4
Formation: Cretaceous, Buda
Location: Shoal Creek, Austin, Texas
- *wrighti* (Shumard) Whitney
Texas Acad. Sci. Trans., vol. 12, 1913, p. 13, pl. I, fig. 4
Formation: Cretaceous, Buda limestone
Location: Shoal Creek, Austin, Texas
- *wrighti* (Shumard) Adkins and Winton
Univ. of Texas Bull. 1945, 1919, p. 69, pl. XI, figs. 8, 19
Formation: Cretaceous, Duck Creek, Fort Worth
Location: North Texas
- Pectunculus* ? *ovatus* n. sp. Stanton
U. S. Geol. Sur. Bull. 133, 1895, p. 51, pl. VI, figs. 9, 10
Formation: Cretaceous, Knoxville beds
Location: Tehama County, California
- *pacificus* n. sp. Anderson
Cal. Acad. Sci. Proc., 3d ser. Geol., vol. 2, No. 1, 1902, p. 74, pl. VII, fig. 159
Formation: Cretaceous, Chico beds
Location: Santiago Canyon, Orange County, California; Southern Oregon
- *veatchi* (Gabb) Stanton
U. S. Geol. Sur., 17th Ann. Rep., pt. 1, 1896, p. 1039, pl. LXIV, fig. 1
Formation: Cretaceous, Chico
Location: Sacramento valley, California
- *veatchii* (Gabb) sp. Whiteaves
Can. Geol. Sur., Mesozoic Fossils, vol. 1, pt. 5, 1903, p. 391, pl. XLVII, figs. 3, 4
Formation: Cretaceous
Location: Vancouver Island; Hornby Islands; Suci Islands
- Pedalion lloydi* Stanton n. sp. Stanton and Vaughan
U. S. Geol. Sur. Prof. Paper 128 A, 1920, p. 24, pl. IV, figs. 1a, 1b and 2
Formation: Cretaceous, Cannonball
Location: Janesburg, North Dakota
- Pedinopsis pondi* (Clark) Clark
U. S. Geol. Sur. Bull. 97, 1893, p. 57, pl. XXI, figs. 1a-b; XXII, figs. 1a-e

- Formation: Cretaceous: Austin Chalk
Location: Texas
- **pondi** (Clark) Clark and Twitchell
U. S. Geol. Sur. Mon. 54, 1915, p. 65, pl. XXIV, figs. 1a-d
Formation: Cretaceous, Austin Chalk
Location: Travis County, Texas
- **symmetrica** (Cragin) Clark and Twitchell
U. S. Geol. Sur. Mon. 54, 1915, p. 64, pl. XXIII, figs. 1a-h
Formation: Cretaceous, Washita
Location: El Paso County, Texas
- Peltoceras occidentale** n. sp. Whiteaves
Ottawa Nat. Vol. 21, No. 5, 1907, p. 81, figs. a, b, c
Formation: Jurassic
Location: Red Deer River (Rock Mountain Park) Alberta
- Pentaceros americanus** n. sp. Adkins
Univ. of Texas Bull. No. 1856, 1918, p. 99, pl. VII, figs. 1-3
Formation: Cretaceous, Pawpaw
Location: Near Ft. Worth, Texas
- **asperulus** n. sp. (Clark) Weller
Geol. Sur. N. J. Pal., vol. 4, 1907, p. 278, pl. VI, figs. 18-19
Formation: Cretaceous, Vincentown limesand
Location: Vincentown, New Jersey
- **asperulus** (Clark) Clark and Twitchell
U. S. Geol. Sur. Mon. 54, 1915, p. 42, pl. VIII, figs. 2a-b
Formation: Cretaceous, Rancocas
Location: Vincentown, New Jersey
- Pentacrinus astericus** (M. and H.) Clark
U. S. Geol. Sur. Bull. 97, 1893, p. 26, pl. III, figs. 2a-d
Formation: Jurassic
Location: Idaho; Colorado; Nebraska; South Dakota
- **asticus** (Meek and Hayden) Stanton
U. S. Geol. Sur. Mon. 32, pt. 2, 1899, p. 608, no pl.
Formation: Jurassic
Location: Yellowstone National Park
- **asticus** (Meek and Hayden) Logan
Kans. Univ. Quart., vol. 9, 1900, p. 119, pl. XXV, figs. 4-7
Formation: Jurassic
Location: Freeze-out Hills, Wyoming
- **asticus** (M. & H.) Whitfield and Hovey
Bull. Amer. Mus. Nat. Hist., vol. 22, 1906, p. 389, pl. XLII, figs. 1-3
Formation: Jurassic
Location: Black Hills
- cf. **asticus** (Meek and Hayden) Smith
U. S. Geol. Sur. Prof. Paper 83, 1914, p. 148, pl. XCIV, fig. 2
Formation: Triassic
Location: East range, Nevada; Shasta County, California
- **asticus** (M. & H.) Clark and Twitchell
U. S. Geol. Sur., Mon. 54, 1915, p. 26, pl. III, fig. 2
Formation: Jurassic, Sundance
Location: Wyoming; South Dakota; Idaho; Colorado
- **bryani** (Gabb) Clark

- U. S. Geol. Sur. Bull. 97, 1893, p. 28, pl. III, figs. 3a-b
 Formation: Cretaceous
 Location: New Jersey
- **bryani** (Gabb) Weller
 Geol. Sur. N. J. Pal., vol. 4, 1907, p. 276, pl. VI, figs. 8-9
 Formation: Cretaceous, Vincentown limesand
 Location: Vincentown, New Jersey
- **bryani** (Gabb) Clark and Twitchell
 U. S. Geol. Sur. Mon. 54, 1915, p. 35, pl. VI, figs. 2a-b
 Formation: Cretaceous, Rancocas
 Location: Vincentown, New Jersey
- **shastense** (Clark) n. sp. Clark and Twitchell
 U. S. Geol. Sur., Mon. 54, 1915, p. 28, pl. III, fig. 4
 Formation: Jurassic
 Location: Shasta County, California
- sp. cf. **Andreæ** (de Loriol) Madsen
 Meddelelser om Grönland, vol. 29, 1903, p. 172, pl. VI, figs. 1-6
 Formation: Jurassic
 Location: Mount Nathorst, Greenland
- **tehamensis** (Clark) n. sp. Clark and Twitchell
 U. S. Geol. Sur. Mon. 54, 1915, p. 35, pl. VI, fig. 1
 Formation: Cretaceous, Chico, Knoxville
 Location: Tehama County and Texas Springs, California
- **whitei** (Clark) Clark
 U. S. Geol. Sur. Bull. 97, 1893, p. 27, pl. III, figs. 4a-c
 Formation: Jurassic
 Location: Utah
- **whitei** (Clark) Clark and Twitchell
 U. S. Geol. Sur., Mon. 54, 1915, p. 27, pl. III, figs. 3a-c
 Formation: Jurassic
 Location: Salt Creek and Diamond valley, Utah
- Pentagonaster browni** n. sp. Weller
 Journ. Geol. Vol. 13, 1905, p. 257-258, fig. 1
 Formation: Cretaceous, Fox Hills sandstone
 Location: Near Lander, Wyoming
- **browni** (Weller) Clark and Twitchell
 U. S. Geol. Sur. Mon. 54, 1915, p. 41, pl. VII, fig. 7
 Formation: Cretaceous, Montana group
 Location: Near Lander, Wyoming
- ? sp. Ravn
 Meddelelser om Grönland, vol. 45, 1911, p. 453
 Formation: Jurassic
 Location: "4 Saenking" Store Koldewey Island, Greenland
- ? sp. Ravn
 Copenhagen Univ. Min. and Geol. Mus. Comm. Paleont. No. 10,
 1911, p. 453
 Formation: Jurassic
 Location: "4 Saenking" Store Koldewey Island
- **texensis** (Adkins and Winton) Adkins
 Univ. of Texas Bull. No. 1856, 1918, p. 95, pl. VII, fig. 7
 Formation: Cretaceous, Weno
 Location: Near Fort Worth, Texas

- *lexensis* n. sp. Adkins and Winton
Univ. of Texas Bull. 1945, 1949, p. 47, pl. X, figs. 5-6
Formation: Cretaceous, Weno
Location: Fort Worth, Texas
- Periplomya* (Conrad) Gardner
Maryland Geol. Sur., U. Cret., 1916, p. 633, no pl.
Formation: Cretaceous
Location: Maryland
- *elliptica* (Gabb) Weller
Geol. Sur. N. J. Pal., vol. 4, 1907, p. 522, pl. XVII, figs. 8-11
Formation: Cretaceous, Manasquan marl
Location: New Jersey
- *elliptica* (Gabb) Gardner
Maryland Geol. Sur., U. Cret., 1916, p. 633, no pl.
Formation: Cretaceous, Monmouth, Manasquan
Location: Maryland, New Jersey
- Perisphinctes* (Waagen) O'Connell
Amer. Mus. Nat. Hist. Bull. 42, 1920, p. 646
- sp. *Aguilera*
Com. Geol. de México, Bol. 1, 1895, p. 35, Lám. XIX
Formation: Jurassic
Location: Sierra de Catorce, San Luis, Potosi, Mexico
- *aguilerai* n. sp. Cragin
U. S. Geol. Sur., Bull. 266, 1905, p. 105, pl. XXIII, fig. 1
Formation: Jurassic
Location: Malone, Texas
- *aguilerai* n. sp. Burckhardt
Inst. Geol. de México, Bol. 23, 1906, p. 110, Lám. XXVII, figs. 6-9
Formation: Jurassic, Portlandian
Location: Mazapil, Mexico
- *alamitosensis* n. sp. Aguilera
Com. Geol. de México, Bol. 1, 1895, p. 30, Lám. XXI, figs. 4, 6
Formation: Jurassic
Location: Sierra de Catorce, S. L. P., Mexico
- *Alexei* n. sp. Burckhardt
Inst. Geol. México, Bol. 33, 1919, p. 20, Lám. IX, fig. 1-4
Formation: Jurassic
Location: Cañon del Toboso, Mexico
- cfr. *alterniplicatus* (Waagen) Burckhardt
Inst. Geol. de México, Bol. 29, 1912, p. 34, Lám. VII, figs. 1-3
Formation: Jurassic, Upper Oxfordian
Location: Cerro del Volcan, Durango
- aff. *alterniplicatus* (Waagen) Roig
Secretaria de Agr. Comercio y Trabajo, Bol. Especial, Habana,
Cuba, 1920, p. 17, Lám. III, figs. 1, 4, 5
Formation: Jurassic, Oxfordian
Location: Puerta del Ancon
- cf. *alterniplicatus* (Waagen) O'Connell
Amer. Mus. Nat. Hist. Bull. 42, 1920, p. 680
Formation: Jurassic, Upper Oxfordian
Location: Viñales Pinar del Rio
- cfr. *balderus* (Oppel.) Aguilera

- Com. Geol. de México, Bol. 1, 1895, p. 24, Lám. XI, fig. 1
Formation: Jurassic
Location: Pueblo, Mexico
- *cfr. balderus* (Oppel) Johnson
Amer. Geol. vol. 30, 1902, p. 371
Formation: Jurassic
Location: Napimi, Mexico
- (*Aulacosphinctes*) *Bangei* n. sp. Burckhardt
Inst. Geol. México. Bol. 33, 1919, p. 30, Lám. IX, figs. 5-9
Formation: Jurassic
Location: Cañon del Toboso, Mexico
- *aff. biplex* (Sowerby) Roig
Secretaría de Agr. Comercio de Trabajo, Bol. Especial, Habana,
Cuba, 1920, p. 22, Lám. V, figs. 3, 4, 6
Formation: Jurassic, Oxfordian
Location: Laguna de Piedra Vinales, Cuba
- (*Aulacosphinctus*) *Boesei*, n. sp. Burckhardt
Inst. Geol. de México, Bol. 33, 1919, p. 27, Lám. V, figs. 1, 3, 5
Formation: Jurassic
Location: Cañon del Toboso, Mexico
- *burkarti* n. sp. Burckhardt
Inst. Geol. de México, Bol. 23, 1906, p. 133, Lám. XXXVII, figs.
2, 5-8, 10
Formation: Jurassic, Portlandian
Location: Mazapil, Mexico
- *Carlottensis* Whiteaves
Geol. Sur. Can., Mesozoic Fossils, vol. 1, pt. 4, 1900, p. 305
In List of Cretaceous Fossils. Formerly described by Whiteaves
as *Ammonites Carlottensis*.
Formation: Cretaceous
Location: Queen Charlotte Islands
- *cfr. chloroolithicus* (Nikitin) Burckhardt
Inst. Geol. de México, Bol. 29, 1912, p. 27, Lám. IV, figs. 7-9;
Lám. V, figs. 7, 10
Formation: Jurassic, Upper Oxfordian
Location: Cerro del Volcan, Durango
- *clarki* n. sp. Cragin
U. S. Geol. Sur. Bull. 266, 1905, p. 103, pl. XXIX, figs. 1, 2
Formation: Jurassic
Location: Malone, Texas
- *colfaxi* (Gabb) Hyatt
Geol. Soc. Amer. Bull., vol. 5, 1894, p. 424, no pl.
Formation: Upper Cretaceous
Location: Colfax, California
- *colubrinus* (Reinecke) Aguilera
Com. Geol. de México, Bol. 1, 1895, p. 34, no pl.
Formation: Jurassic
Location: Municipalidad de Catorce, San Luis Pososi, Mexico
- *cf. colubrinus* (Reinecke) Aguilera
Com. Geol. de México, Bol. 1, 1895, p. 22, Lám. VII, fig. 8
Formation: Jurassic
Location: Mineral de Catorce, San Luis Potosi, Mexico

- (*Aulacosphintes*) aff. *colubrinus* (Toucas non auct.) Burckhardt
 Inst. Geol. de México, Bol. 33, 1919, p. 24, Lám. VI, figs. 2, 4, 6
 Formation: Jurassic
 Location: Cañon del Toboso, Mexico
- cfr. *colubrinus* (Reinecke) Roig
 Secretaria de Agr. Comercio y Trabajo, Bol. Especial Habana
 Cuba, 1920, p. 19, Lám. IV, fig. 1
 Formation: Jurassic, Oxfordian
 Location: Puerta del Ancón, Viñales, Cuba
- (*Aulacosphinctes*) *corona* n. sp. Burckhardt
 Inst. Geol. de México, Bol. 33, 1919, p. 25, Lám. V, figs. 4, 6-9
 Formation: Jurassic
 Location: Cañon del Toboso, Mexico
- *cubensis* n. sp. O'Connell
 Amer. Mus. Nat. Hist., Bull. 42, 1920, p. 648, pl. XXXIV, figs.
 1, 2
 Formation: Jurassic, Oxfordian
 Location: Viñales Pinar del Rio, Cuba
- *cubensis* (A) n. mutation O'Connell
 Amer. Mus. Nat. Hist., Bull. 42, 1920, p. 660, pl. XXXIV, figs.
 3, 4
 Formation: Jurassic, Oxfordian
 Location: Viñales Pinar del Rio, Cuba
- *cubensis* (B) n. mutation O'Connell
 Amer. Mus. Nat. Hist., Bull. 42, 1920, p. 662, pl. XXXV, figs. 1, 2
 Formation: Jurassic, Oxfordian
 Location: Viñales Pinar del Rio, Cuba
- aff. *cyclodorsatus* (Moesch) sp. Burckhardt
 Inst. Geol. de México, Bol. 23, 1906, p. 22, Lám. IV, figs. 3, 4, 8-12
 Formation: Jurassic, Kimeridgian
 Location: Mazapil, Mexico
- cfr. *danubiensis* (Schlosser) Burckhardt
 Inst. Geol. de México, Bol. 23, 1906, p. 112, Lám. XXXII, fig. 1
 Formation: Portlandian
 Location: Mazapil, Mexico
- *delatorii* n. sp. O'Connell
 Amer. Mus. Nat. Hist. Bull. 42, 1920, p. 663, pl. XXXV, fig. 3, 4a,
 4b, 4c
 Formation: Jurassic, Oxfordian
 Location: Viñales Pinar del Rio, Cuba
- *delatorii* (O'Connell) Roig
 Secretaria de Agr. Comercio y Trabajo, Bol. Especial Habana,
 Cuba, 1920, p. 23, Lám. VII, fig. 2
 Formation: Jurassic
 Location: Puerta del Ancón Viñales, Cuba
- *delgadoi* (Choffat) Roig
 Secretaria de Agr. Comercio y Trabajo Bol. Especial Habana,
 Cuba, 1920, p. 20, Lám. IV, figs. 2, 2a
 Formation: Jurassic, Oxfordian
 Location: Enchillas de José Rivera Viñales, Cuba
- *diversicostatus* n. sp. Burckhardt
 Inst. Geol. de México., Bol. 33, 1919, p. 34, Lám. XII, figs. 1, 2, 4, 5

- Formation: Jurassic
Location: Cañon del Toboso, Mexico
- *dolfusi* n. sp. Aguilera
Com. Geol. de México, Bol. 1, 1895, p. 33, Lám. XXII, fig. 4
Formation: Jurassic
Location: Sierra de Catorce, San Luis Potosi, Mexico
- *durangensis* n. sp. Burckhardt
Inst. Geol. de México, Bol. 29, 1912, p. 16, Lám. III, figs. 1, 2;
Lám. IV, fig. 6
Formation: Jurassic, Upper Oxfordian
Location: Cerro del Volcán, Durango
- *durangensis* (Burckhardt) Roig
Revista de Agr. Comercio y Trabajo año 2, No. 12, Habana Cuba,
1919, p. 588, fig. 2
Formation: Jurassic
Location: Viñales, Cuba
- *durangensis* (Burckhardt) Roig
Secretaria de Agr. Comercio y Trabajo, Bol. Especial Habana,
Cuba, 1920, p. 11, Lám. I, figs. 2, 2a
Formation: Jurassic, Oxfordian
Location: Puerta del Ancón Viñales, Cuba
- *cfr. elisabethæ* (de Riaz) Roig
Secretaria de Agr. Comercio y Trabajo Bol. Especial Habana,
Cuba, 1920, p. 21, Lám. V, fig. 15
Formation: Jurassic, Oxfordian
Location: Viñales, Cuba
- *elisabethæformis* n. sp. Burckhardt
Inst. Geol. de México., Bol. 29, 1912, p. 31, Lám. VI, figs. 1-5
Formation: Jurassic, Upper Oxfordian
Location: Cerro del Volcán, Durango
- *aff. elisabethæformis* (Burckhardt) Roig
Secretaria de Agr. Comercio y Trabajo, Bol. Especial, Habana,
Cuba, 1920, p. 16, Lám. III, figs. 3, 3a
Formation: Jurassic, Oxfordian
Location: Viñales Puerta del Ancón Laguna de Piedra
- (*Aulacosphinctes*) *aff. endichotomus* (Zittle sp.) Burckhardt
Inst. Geol. de México., Bol. 33, 1919, p. 53, Lám. XVII, figs. 7-9
Formation: Jurassic
Location: Torres, Mexico
- *filiplex* ? (Quenstedt) Hyatt
Geol. Soc. Amer. Bull., vol. 5, 1894, p. 402, no pl.
Formation: Upper Jurassic
Location: Calaveras County, California
- *filiplex* ? (Quenstedt) Hyatt
Geol. Soc. Amer. Bull., vol. 5, 1894, p. 423, no pl.
Formation: Upper Jurassic
Location: Tuolumne River, Moffat's bridge, California
- *felixi* n. sp. Aguilera
Com. Geol. de México, Bol. 1, 1895, p. 25, Lám. XVI, fig. 1
Formation: Jurassic
Location: Sierra de Catorce, San Luis Potosi, Mexico
- *felixi* (Castillo and Aguilera) Cragin

- U. S. Geol. Sur., Bull. 266, 1905, p. 106, pl. XXIII, fig. 2
 Formation: Jurassic
 Location: Malone, Texas
- *flexicostatus* n. sp. Aguilera
 Com. Geol. de México, Bol. 1, 1895, p. 29, Lám. XIII, fig. 1
 Formation: Jurassic
 Location: Mexico
- *cfr. Koeneni* (Stener sp.) Burekhardt
 Inst. Geol. de México., Bol. 23, 1906, p. 137, Lám. XXXIX, fig. 1
 Formation: Jurassic, Portlandian
 Location: Mazapil, Mexico
- (*Aulacosphinctes*) *cfr. Kokeni* (Behrendsen) Burekhardt
 Inst. Geol. de México, Bol. 33, 1919, p. 36, Lám. XII, figs. 3, 6-8
 Formation: Jurassic
 Location: Canon del Toboso, Mexico
- *lagunitasensis* n. sp. Burekhardt
 Inst. Geol. de México, Bol. 29, 1912, p. 18, Lám. II, figs. 13-15, 17
 Formation: Jurassic, Upper Oxfordian
 Location: Rancho de las Lagunitas, Durango
- *lagunitasensis* (Burekhardt) Roig
 Revista de Agr. Comercio y Trabajo año 2. No. 12, Habana Cuba,
 1919, p. 591, fig. 5
 Formation: Jurassic
 Location: Viñales, Cuba
- *lagunitasensis* (Burekhardt) Roig
 Secretaria de Agr. Comercio y Trabajo, Bol. Especial Habana
 Cuba, 1920, p. 12, Lám. I, figs. 1, 1a
 Formation: Jurassic, Oxfordian
 Location: Viñales, Cuba
- *lauri* n. sp. Aguilera
 Com. Geol. de México, Bol. 1, 1895, p. 26, Lám. XVI figs. 2, 3
 Formation: Jurassic
 Location: Sierra de Catorce, San Luis Potosi, Mexico
- *Lenki* n. sp. Aguilera
 Com. Geol. de México, Bol. 1, 1895, p. 27, Lám. VII, fig. 7
 Formation: Jurassic
 Location: Catorce, San Luis Potosí, Mexico
- *cfr. lucingensis* (Choffat) Burekhardt
 Inst. Geol. de México, Bol. 29, 1912, p. 28, Lám. V, fig. 5, 8, 9
 Formation: Jurassic, Upper Oxfordian
 Location: Cerro del Volcán, Durango
- *Mc. Lachlani* n. sp. Burekhardt
 Inst. Geol. de México, Bol. 23, 1906, p. 24, Lám. IV, figs. 5-7
 Formation: Jurassic, Kimeridgian
 Location: Mazapil, Mexico
- *mazapilensis* n. sp. Aguilera
 Com. Geol. de México, Bol. 1, 1895, p. 23, Lám. X
 Formation: Jurassic
 Location: Sierra de Catorce, Sierra de los Tajos, Zuloaga, Zacatecas, Mexico
- *mazapilensis* (Castillo and Aguilera) Johnson
 Amer. Geol., Vol. 30, 1902, p. 371
 Formation: Jurassic

- Location: Napimi, Mexico
- **monserrati** n. sp. Aguilera
 Com. Geol. de México, Bol. 1, 1895, p. 34, Lám. XVII, fig. 2;
 Lám. XXII, fig. 3
 Formation: Jurassic
 Location: Mexico
 - **mühlbachi** n. sp. Hyatt
 Geol. Soc. Amer. Bull., vol. 5, 1894, p. 426, no pl.
 Formation: Jurassic
 Location: Greenwood, El Dorado county, California
 - (**Aulacosphinctes**) **neohispanicus** n. sp. Burckhardt
 Inst. Geol. de México, Bol. 33, 1919, p. 28, Lám. X, figs. 1-7
 Formation: Jurassic
 Location: Cañon del Toboso, Mexico
 - **nikitini** (Michalski) Burckhardt
 Inst. Geol. de México, Bol. 23, 1906, p. 114, Lám. XXI, figs. 1-4
 Formation: Jurassic, Portlandian
 Location: Mazapil, Mexico
 - aff. **orbigny** (de Loriol) Burckhardt
 Inst. Geol. de México, Bol. 29, 1912, p. 22, Lám. IV, fig. 2-4
 Formation: Jurassic, Upper Oxfordian
 Location: Cerro del Volcán, Durango
 - sp. cf. **Panderi** (d'Orbigny) Madsen
 Meddelelser om Grönland, vol. 29, 1903, 195, pl. X, fig. 3
 Formation: Jurassic
 Location: Aucella River, Jameson's Land
 - cfr. **permulticostatus** (Steuer) sp. Burckhardt
 Inst. Geol. de México, Bol. 23, 1906, p. 138, Lám. XXXIX, fig. 2
 Formation: Jurassic, Portlandian
 Location: Mazapil, Mexico
 - (**Aulacosphinctes**) **Pervinquieri** n. sp. Burckhardt
 Inst. Geol. de México, Bol. 33, 1919, p. 23, Lám. IV, figs. 14, 18-21
 Formation: Jurassic
 Location: Cañon del Toboso, Mexico
 - cfr. **plicatilis** (De Riaz) Burckhardt
 Inst. Geol. de México, Bol. 29, 1912, p. 24, Lám. IV, figs. 1, 5, 10
 Formation: Jurassic, Upper Oxfordian
 Location: Cerro del Volcán, Durango
 - aff. **plicatilis** (d'Orbigny) Roig
 Secretaria de Agr. Comercio y Trabajo, Bol. Especial, Habana,
 Cuba, 1920, p. 13
 Formation: Jurassic, Oxfordian
 Location: Viñales Puerta del Ancón, Cuba
 - aff. **plicatilis** (de Riaz) Roig
 Secretaria de Agr. Comercio y Trabajo, Bol. Especial, Habana,
 Cuba, 1920, p. 13, Lám. II, figs. 5, 6
 Formation: Jurassic, Oxfordian
 Location: Viñales Puerta del Ancón, Cuba
 - **plicatiloides** n. sp. O'Connell
 Amer. Mus. Nat. Hist., Bull. 42, 1920, p. 670, pl. XXXVI, fig. 1, 2
 Formation: Jurassic, Oxfordian

- Location: Viñales Pinar del Rio, Cuba
- *potosinus* n. sp. Aguilera
Com. Geol. de México, Bol. 1, 1895, p. 29, Lám. XXI, fig. 2; Lám. XXII, fig. 5
Formation: Jurassic
Location: Catorce, Mexico
- *potosinus* (Castille and Aguilera) Johnson
Amer. Geol., Vol. 30, 1902, p. 370
Formation: Jurassic
Location: Napimi, Mexico
- *potosinus* (Castillo and Aguilera) Cragin
U. S. Geol. Bull. 266, 1905, p. 105, pl. XXVIII, figs. 1-2
Formation: Jurassic
Location: Malone, Texas
- *Pouzinensis* (Toucas) Aguilera
Com. Geol. de México, Bol. 1, 1895, Lám. XXI, fig. 2; Lám. XXII, fig. 5
Formation: Jurassic
Location: Mexico
- af. *Pouzinensis* (Toucas) Aguilera
Com. Geol. de México, Bol. 1, 1895, p. 28, Lám. XVI, fig. 4
Formation: Jurassic
Location: Catorce, San Luis Potosi, Mexico
- (*Aulacosphinctes*) aff. *præ-transitorius* (Font.) Burckhardt
Inst. Geol. de México, Bol. 33, 1919, p. 11, Lám. III, figs. 13-15
Formation: Jurassic
Location: Cañon del Toboso, Mexico
- cfr. *promiscuus* (Bukowski) Burckhardt
Inst. Geol. de México, Bol. 29, 1912, p. 20, Lám. III, figs. 4-6
Formation: Jurassic, Upper Oxfordian
Location: Cerro del Volcán, Durango
- cfr. *rota* (Sinzow) Burckhardt
Inst. Geol. de México, Bol. 29, 1912, p. 21, Lám. III, fig. 3
Formation: Jurassic, Upper Oxfordian
Location: Cerro del Volcán, Durango
- *santarosanus* n. sp. Burckhardt
Inst. Geol. de México, Bol. 23, 1906, p. 129, Lám. XXXV, figs. 1-4
Formation: Jurassic, Portlandian
Location: Mazapil, Mexico
- *schucherti* n. sp. Cragin
U. S. Geol. Sur., Bull. 266, 1905, p. 107, pl. XXV, fig. 1; pl. XXVI, figs. 1-3; XXVII, fig. 1
Formation: Jurassic
Location: Malone, Texas
- *skidegatensis* (Whiteaves) Whiteaves
Can. Geol. Sur., Mesozoic Fossils, vol. 1, pt. 4, 1900, p. 278, no pl.
Formation: Cretaceous
Location: Skidegate Inlet, Queen Charlotte Islands
- sp. ? Aguilera
Com. Geol. de México, Bol. 1, 1895, p. 35, Lám. XIX
Formation: Jurassic

- Location: Mexico, San Luis Potosí
- sp. (aff. *durangensis* Burckhardt) Roig
Secretaria de Agr. Comercio y Trabajo Bol. Especial, Habana,
Cuba, 1920, p. 22, Lám. VII, fig. 1
Formation: Jurassic
Location: Cuba
- sp. Roig
Secretaria de Agr. Comercio y Trabajo, Bol. Especial, Habana,
Cuba, 1920, p. 23, Lám. VII, fig. 4
Formation: Jurassic
Location: Puerta del Ancón Viñales, Cuba
- sp. ind. Burckhardt
Inst. Geol. de México, Bol. 33, 1919, p. 18
Formation: Jurassic
Location: Cañon del Toboso, Mexico
- sp. ind. Burckhardt
Inst. Geol. de México, Bol. 33, 1919, p. 22, Lám. XIII, figs. 7-9
Formation: Jurassic
Location: Cañon del Toboso, Mexico
- (*Aulacosphinctes*) sp. ind. Burckhardt
Inst. Geol. de México, Bol. 33, 1919, p. 32, Lám. XI, figs. 1-3
Formation: Jurassic
Location: Cañon del Toboso
- sp. ind. Burckhardt
Inst. Geol. de México, Bol. 33, 1919, p. 50, Lám. XVIII, figs. 1-4
Formation: Jurassic
Location: Torres, Mexico
- sp. (*Especies juvenes* indt.) Roig
Secretaria de Agr. Comercio y Trabajo Bol. Especial, Habana,
Cuba, 1920, p. 22
Formation: Jurassic
Location: Puerta del Ancón, Laguna de Piedra, Cuba
- sp. indt. Burckhardt
Inst. Geol. de México, Bol. 23, 1906, p. 139, Lám. XXXIX, figs.
3-4
Formation: Jurassic, Portlandian
Location: Mazapil, Mexico
- sp. indt. Burckhardt
Inst. Geol. de México, Bol. 23, 1906, p. 130, Lám. XXVII, figs.
9, 11, 12
Formation: Jurassic, Portlandian
Location: Mazapil, Mexico
- sp. intermediate between *P. contiguus* Catullo and *P. transitorius*
(Oppel) Burckhardt
Inst. Geol. de México, Bol. 23, 1906, p. 113, Lám. XXX, fig. 8
Formation: Jurassic, Portlandian
Location: Mazapil, Mexico
- sp. ? Hyatt
Geol. Soc. Amer. Bull., vol. 5, 1894, p. 423, no pl.
Formation: Upper Jurassic
Location: South bank of Tuolumne river at Moffat's bridge,
California

- sp. ? Hyatt
 Geol. Soc. Amer. Bull., vol. 5, 1894, p. 423, no pl.
 Formation: Upper Jurassic
 Location: Stanislaus river Bostwicks Bar near Reynolds Ferry,
 California
- sp. Stanton
 U. S. Geol. Sur. Bull. 133, p. 82, 1895, no pl.
 Formation: Cretaceous
 Location: Tehama County, California
- sp. Stanton
 U. S. Geol. Sur., Mon. 32, pt. 2, 1899, p. 631, no pl.
 Formation: Jurassic
 Location: Yellowstone National Park
- (*Aulacosphinctes*) *subbleicheri* n. sp. Burckhardt
 Inst. Geol. de México, Bol. 33, 1919, p. 37, Lám. XIII, figs. 1-5
 Formation: Jurassic, Lower Portlandian
 Location: Cañon del Toboso, Mexico
- (*Aulacosphinctes*) *symonensis* n. sp. Burckhardt
 Inst. Geol. de México, Bol. 33, 1919, p. 33, Lám. XI, figs. 4-11
 Formation: Jurassic
 Location: Cañon del Toboso, Mexico
- *Theodosii* n. sp. Burckhardt
 Inst. Geol. de México, Bol. 33, 1919, p. 18, Lám. VIII, figs. 1-6
 Formation: Jurassic
 Location: Cañon del Toboso, Mexico
- (*Aulacosphinctes*) *Titan* n. sp. Burckhardt
 Inst. Geol. de México, Bol. 33, 1919, p. 26, Lám. VI, figs. 1, 3;
 Lám. IX, fig. 10
 Formation: Jurassic
 Location: Cañon del Toboso, Mexico
- *tobosoensis* n. sp. Burckhardt
 Inst. Geol. de México, Bol. 33, 1919, p. 16, Lám. VII, figs. 1-6
 Formation: Jurassic
 Location: Cañon del Toboso, Mexico
- (*Aulacosphinctes*) *torresianus* n. sp. Burckhardt
 Inst. Geol. de México, Bol. 33, 1919, p. 52, Lám. XVII, figs. 4-6
 Formation: Jurassic
 Location: Torres, Mexico
- *transitorius* ? (Oppel.) Aguilera
 Com. Geol. de México, Bol. 1, 1895, p. 30, Lám. XXI, fig. 5
 Formation: Jurassic
 Location: Mexico
- *trichoplocoides* n. sp. Burckhardt
 Inst. Geol. de México, Bol. 29, 1912, p. 29, Lám. V, figs. 11-14
 Formation: Jurassic, Upper Oxfordian
 Location: Cerro del Volcán, Durango
- *trichoplocoides* (Burckhardt) Roig
 Secretaria de Agr. Comercio y Trabajo Bol. Especial, Habana,
 Cuba, 1920, p. 14, Lám. III, fig. 2
 Formation: Jurassic, Oxfordian
 Location: Viñales Puerta del Ancón, Laguna de Piedra, Cuba
- *victores* n. sp. Burckhardt

- Inst. Geol. de México, Bol. 23, 1906, p. 131, Lám. XXVI, figs. 1-15;
Lám. XXVII, fig. 1
Formation: Jurassic, Portlandian
Location: Mazapil, Mexico
- *virgulatiformis* n. sp. Hyatt
Geol. Soc. Amer. Bull., vol. 5, 1894, p. 422, no pl.
Formation: Upper Jurassic
Location: Stanislaus River, Bostwicks bar near Reynold's Ferry,
California
- *virgulatiformis* n. sp. Hyatt
Geol. Soc. Amer. Bull., vol. 1, 1894, p. 402, no pl.
Formation: Upper Jurassic
Location: Calaveras County, California
- *virgulatus* (Quenstedt) Burckhardt
Inst. Geol. de México, Bol. 29, 1912, p. 35, Lám. VII, figs. 4-14
Formation: Jurassic, Upper Oxfordian
Location: Cerro del Volcán, Durango
- *wartaeformis* n. sp. Burckhardt
Inst. Geol. de México, Bol. 29, 1912, p. 25, Lám. V, figs. 1-4, 6
Formation: Jurassic, Upper Oxfordian
Location: San Pedro del Gallo, Durango
- *wartaeformis* (Burckhardt) Roig
Revista de Agr. Comercio y Trabajo, año 2, No. 12, Habana
Cuba, 1919, p. 591, fig. 4
Formation: Jurassic
Location: Viñales, Cuba
- cfr. *wartaeformis* (Burckhardt) Roig
Secretaría de Agr. Comercio y Trabajo, Bol. Especial, Habana,
Cuba, 1920, p. 18, Lám. III, fig. 6, 6a; Lám. IV, fig. 1
Formation: Jurassic, Oxfordian
Location: Laguna de Piedra Viñales, Cuba
- (*Aulacosphinctes*) Wilfridi, n. sp. Burckhardt
Inst. Geol. de México, Bol. 33, 1919, p. 51, Lám. XVII, figs. 1-3
Formation: Jurassic
Location: Torres, Mexico
- Perissolax, brevirostris* (Gabb) Stanton
U. S. Geol. Sur., 17th Ann. Rept. 1896, pt. 1, p. 1047, pl. LXVII,
fig. 4
Formation: Cretaceous, Chico
Location: California
- *brevirostris* (Gabb) Whiteaves
Geol. Sur. Can., Mesozoic Fossils, vol. 1, pt. 5, 1903, p. 356, pl.
XLIII, fig. 3
Formation: Cretaceous
Location; Hornby Island; Sucia Islands; Protection Islands
quarry; Bremen Creek, Vancouver Island
- *brevirostris* (Gabb) Arnold
U. S. Geol. Sur. Bull. 396, 1909, p. 11, pt. 1, fig. 2
Formation: Cretaceous, Chico
Location: California
- *dubia* (Gabb) Whitfield
U. S. Geol. Sur. Mon. 18, 1892, p. 47, pl. III, figs. 9-11

- Formation: Cretaceous, Lower Green Marls
Location: Holmdel and Mullica Hill, New Jersey
- *dubia* (Gabb) Weller
Geol. Sur. of N. J. Pal., vol. 4, 1907, p. 730, pl. LXXXV, figs. 1-5
Formation: Cretaceous, Navesink marl
Location: New Jersey
- *trivolvæ* (Gabb) Whitfield
Geol. Sur. N. J., vol. 2, 1892, p. 172, pl. XXI, figs. 1-3
Formation: Cretaceous, Middle Green Marls
Location: New Jersey
- *trivolvæ* (Gabb) Whitfield
U. S. Geol. Sur. Mon. 18, 1892, p. 173, pl. XXI, figs. 1-3
Formation: Cretaceous, Middle Green Marls
Location: Timber Creek, New Jersey
- *trivolvæ* (Gabb) Weller
Geol. Sur. of N. J. Pal. vol. 4, 1907, p. 731, pl. LXXXV., fig. 6
Formation: Cretaceous, Vincentown limesand
Location: New Jersey
- Perissonata* (Conrad) Gardner
Maryland Geol. Sur., U. Cret., 1916, p. 522, no pl.
- *littlii* n. sp. Gardner
Maryland Geol. Sur., U. Cret., 1916, p. 523, pl. XX, figs. 1, 2
Formation: Cretaceous, Monmouth
Location: Maryland
- *protæxæ* (Conrad) Weller
Geol. Sur. N. J. Pal. vol. 4, 1907, p. 379, pl. XXX, figs. 1-2
Formation: Cretaceous, Merchantville marl-clay
Location: Jamesburg, etc., Woodbury clay near Haddonville,
Wenonah sand near Marlboro, Red bank sand near Red Bank,
Shrewsbury river, near Middletown, Tinton beds near Bears
Hill cut, New Jersey
- *protæxæ* (Conrad) Gardner
Maryland Geol. Sur., U. Cret., 1916, p. 522, no pl.
Formation: Cretaceous, Monmouth, Matawan, Eutaw, Ripley,
Selma
Location: Maryland; New Jersey; Georgia; Mississippi
- Perissoptera*—see *Aporrhais*
- Perna groenlandica* n. sp. Ravn
Meddelelser om Grønland, vol. 45, 1911, p. 462, pl. XXXIII, figs.
4 and 5
Formation: Jurassic
Location: Store Koldewey Island
- *groenlandica* n. sp. Ravn
Copenhagen Univ. Min. and Geol. Mus. Comm. Paléont, No. 10,
1911, p. 462, pl. XXXIII, figs. 4 and 5
Formation: Jurassic
Location: "Kloft I" Store Koldewey Island
- sp. Lundgren
Meddelelser om Grønland, vol. 19, 1895, p. 202
Formation: Jurassic
Location: Kap Stewart, East Greenland
- Peronæoderma georgiana* (Gabb) Weller

- Geol. Sur. N. J. Pal. vol. 4, 1907, p. 617, pl. LXX, figs. 4-3
 Formation: Cretaceous, Woodbury clay, Wenonah sand, Red Bank sand
 Location: New Jersey; Texas; Georgia
- Peroniceras** cfr. *bajuvaricum* Redtenbacher sp. Burckhardt
 Inst. Geol. de México, Bol. 33, 1919, p. 116, Lám. XXX, fig. 9
 Formation: Cretaceous
 Location: Huastlanapa, Mexico
- cfr. *bajuvaricum* Grossouvre sp., non Redtenbacher Burckhardt
 Inst. Geol. México, Bol. 33, 1919, p. 115, Lám. XXX, figs. 5-8
 Formation: Cretaceous
 Location: Huastlanapa, México
- cfr. *Czörnigi* Redtenbacher sp. Burckhardt
 Inst. Geol. México, Bol. 33, 1919, p. 111, Lám. XXIX, fig. 2
 Formation: Cretaceous
 Location: Huastlanapa, Mexico
- cfr. *Czörnigi* Fallot sp. non Redtenbacher, Burckhardt
 Inst. Geol. de México, Bol. 33, 1919, p. 111, Lám. XXVIII, fig. 7; Lám. XXIX, fig. 1
 Formation: Cretaceous
 Location: Aguacate, Mexico
- cfr. *Margæ* Schlüter sp. Burckhardt
 Inst. Geol. de México, Bol. 33, 1919, p. 116, Lám. XXX, figs. 10-12
 Formation: Cretaceous
 Location: Huastlanapa, Mexico; Chinantla, Mexico
- cfr. *subtricarinatum* (D'Orbigny et Drescher sp. Drescher) Burckhardt
 Inst. Geol. México, Bol. 33, 1919, p. 112, Lám. XXIX figs. 3-6
 Formation: Cretaceous
 Location: Huastlanapa, Mexico; Chinantla, Mexico
- cfr. *subtricarinatum* Fric sp. Burckhardt
 Inst. Geol. México, Bol. 33, 1919, p. 114, Lám. XXX, figs. 1-4
 Formation: Cretaceous
 Location: Chinantla, Mexico; Huastlanapa, Mexico
- cfr. *subtricarinatum* (Sturm, non d'Orbigny et auct.) Burckhardt
 Inst. Geol. México, Bol. 33, 1919, p. 109, Lám. XXVI, figs. 1-12
 Lám. XXVII, figs. 1-6; Lám. XXVIII, figs. 1-6, 8
 Formation: Cretaceous
 Location: Chinantla, Aguacate, Huastlanapa, Mexico
- cfr. *tricarinatum* (*subtricarinatum*) (Schlüter sp., non auct.) Burckhardt
 Inst. Geol. México, Bol. 33, 1919, p. 113, Lám. XXIX, figs. 7-10
 Formation: Cretaceous
 Location: Aguacate, Mexico; Chinantla, Mexico
- Petalodontia**—see *Monopleura*
- Petersia** *medicinensis* n. sp. Cragin
 Amer. Geol. 14, 1894, p. 11, no pl.
 Formation: Cretaceous, Neocomian
 Location: Belvidere, Kansas
- Petricola** *nova-ægyptica* (Whitfield) Weller
 Geol. Sur. N. J. Pal., vol. 4, 1907, p. 614, pl. LXVIII, fig. 13
 Formation: Cretaceous, Manasquan marl

- Location: New Jersey
Phacoides (Blainville) Gardner
 Maryland Geol. Sur., U. Cret., 1916, p. 659, no pl.
- **noxontownensis** n. sp. Gardner
 Maryland Geol. Sur., U. Cret., 1916, p. 660, pl. XXXIX, figs. 8, 9
 Formation: Cretaceous, Rancocas
 Location: Delaware
- Phænodesmia**—see **Leda**
- Phaneta** ? **decorata** n. sp. Whiteaves
 Can. Geol. Sur., Mesozoic Fossils, vol. 1, pt. 5, 1903, p. 369, pl. XLV, figs. 6, 6a, 7
 Formation: Cretaceous
 Location: Nanaimo mines, Nanaimo, Vancouver Island
- Pharella** ? **pealei** (Meek) Stanton
 U. S. Geol. Sur. Bull. 106, 1893, p. 115, pl. XXV, figs. 12-13
 Formation: Cretaceous
 Location: Missouri River, below Gallatin, Montana
- **pealei** (Meek) Herrick and Johnson
 Denison Univ. Sci. Lab. Bull., vol. 11, art. 9, 1900, pl. XL, figs. 12, 13 (no description)
 Formation: Cretaceous
 Location: Near Albuquerque, New Mexico
- Pholadomya** (Sowerby) Gardner
 Maryland Geol. Sur., U. Cret., 1916, p. 629, no pl.
- **anaana** n. sp. Anderson
 Proc. Cal. Acad. Sci., 3d ser. Geol. Vol. 2, No 1, 1902, p. 73, pl. VII, fig. 151
 Formation: Cretaceous, Chico
 Location: Silverado Canyons Santa Ana range, Orange Co., California; San Fernado mountains, Los Angeles Co., California
- **augustata** Sowerby sp. Madsen
 Meddelelser om Grönland, vol. 29, 1903, p. 187, pl. VI, fig. 20
 Formation: Jurassic
 Location: Mt. Nathorst, Greenland
- **coloradoensis** n. sp. Stanton
 U. S. Geol. Sur. Bull. 106, 1893, p. 116, pl. XXVI, fig. 2
 Formation: Cretaceous, Pugnellus sandstone
 Location: Williams Creek, Huerfano County, Colorado
- **coloradoensis** (Stanton) Herrick and Johnson
 Denison Univ. Sci. Lab., Bull. vol. 11, art. 9, 1900, pl. XLI, fig. 2
 Formation: Cretaceous
 Location: Near Albuquerque, New Mexico
- **conradi** n. sp. Gardner
 Maryland Geol. Sur., U. Cret., 1916, p. 632, pl. XXXVIII, fig. 1
 Formation: Cretaceous, Monmouth, Ripley
 Location: Maryland; Alabama; Mississippi
- **grönlandica** n. sp. Lundgren
 Meddelelser om Grönland, vol. 19, 1895, p. 209, pl. V, fig. 28
 Formation: Jurassic
 Location: Kap Stewart, East Greenland
- **haresi** Stanton n. sp. Stanton and Vaughan

- U. S. Geol. Sur. Prof. Paper 128A 1920, vol. 26, pl. III, figs. 2a, 2b, and 3
Formation: Cretaceous, Cannonball
Location: Haley, North Dakota
- *harrigani* n. sp. Hall and Ambrose
Nautilus vol. 30, 1916, No. 7, p. 77
Formation: Cretaceous, Chico
Location: Altamont, California
- *inequiplicata* n. sp. Stanton
U. S. Geol. Sur. Mon. 32, pt. 2, 1899, p. 625, pl. LXXXIV, fig. 4
Formation: Jurassic, Ellis
Location: Yellowstone National Park
- *kingi* (Meek) Stanton
U. S. Geol. Sur. Mon. 32, pt. 2, 1899, p. 624, pl. LXXXIV, figs. 1-3
Formation: Jurassic, Ellis
Location: Yellowstone National Park
- *knowltoni* n. sp. Hill
Wash. Biol. Soc. Proc., vol. 8, 1893, p. 30, pl. II, figs. 1, 2
Formation: Cretaceous, Medial portion of Glen Rose, Bull Creek, Edwards (Caprina)
Location: Austin, Texas
- *lerchi* n. sp. Hill
Wash. Biol. Soc. Proc., vol. 8, 1893, p. 30, pl. IV, fig. 3
Formation: Cretaceous
Location: Burnet county, Texas; near crossing of Burnet and Travis Peak roads, Texas
- *marcoui* n. sp. Cragin
U. S. Geol. Sur. Bull. 266, 1905, p. 80, pl. XXI, figs. 1, 2
Formation: Jurassic
Location: Malone, Texas
- *mutilineata* (Gabb) Hyatt
Geol. Soc. Amer. Bull., vol. 5, 1894, p. 419, no pl.
Formation: Lower Jurassic
Location: Beaver Creek, Blue mountains, Oregon
- *nevadana* (Gabb) Hyatt
Geol. Soc. Amer. Bull., vol. 5, 1894, p. 418, no pl.
Formation: Lower Jurassic
Location: Beaver Creek, Blue Mountains, Oregon
- *obscura* n. sp. Whitfield and Hovey
Bull. Amer. Mus. Nat. Hist., vol. 22, 1906, p. 398
Formation: Jurassic
Location: Black Hills
- *occidentalis* (Morton) Weller
Geol. Sur. N. J. Pal., vol. 4, 1907, p. 513, pl. LVI, figs. 1-3
Formation: Cretaceous, Cliffwood Clay, Merchantville clay-marl, Woodbury clay
Location: New Jersey; Alabama; Mississippi; Arkansas
- *occidentalis* (Morton) Gardner
Maryland Geol. Sur., U. Cret., 1916, p. 630, pl. XXXVII, figs. 1-3
Formation: Cretaceous, Matawan, Magothy
Location: Delaware; New Jersey
- *paucicosta* (Roemer) Cragin

- U. S. Geol. Sur. Bull. 266, 1905, p. 81, pl. XVI, figs. 5, 6
 Formation: Jurassic
 Location: Malone, Texas
- **papyracea** (M. & H.) Stanton
 U. S. Geol. Sur. Bull. 106, 1893, p. 116, pl. XXVI, fig. 1
 Formation: Cretaceous, Fort Benton group
 Location: Near Fort Benton, on upper Missouri, Montana
- **papyracea** (M. & H.) Herrick and Johnson
 Dennison Univ. Sci. Lab. Bull., vol. 11, art. 9, 1900, pl. XLI,
 fig. 1, (no description)
 Formation: Cretaceous
 Location: Near Albuquerque, New Mexico
- **postextenta** n. sp. Cragin
 Texas Geol. Sur., 4th Ann. Rept., 1893, p. 209, pl. XLI, fig. 1
 Formation: Cretaceous, Denison beds
 Location: At Mineral Springs, one-half mile northwest of
 Denison, Texas
- **præposita** n. sp. Cragin
 U. S. Geol. Sur. Bull. 266, 1905, p. 82, pl. XVI, figs. 3, 4
 Formation: Jurassic
 Location: Malone, Texas
- (**Triplicosta**) **progressiva** n. sp. Cooper
 Cal. Acad. Sci. Proc., ser. 2, vol. 6, 1896, p. 334, pl. XLVIII, figs.
 11, 12
 Formation: Cretaceous (B)
 Location: California
- **ragdalei** n. sp. Cragin
 Colo. Coll. Studies, 5th Ann. Pub., 1894, p. 58, no pl.
 Formation: Cretaceous, Choctaw limestone
 Location: Near Denison, Texas
- **robusta** n. sp. Logan
 Kans. Univ. Quart. vol. 9, 1900, p. 126, pl. XXVI, figs. 5, 6
 Formation: Jurassic
 Location: Freeze-out Hills, Wyoming
- **roemeri** n. sp. Shattuck
 U. S. Geol. Sur. Bull. 205 1903, p. 28, pl. XV, figs. 3-6
 Formation: Cretaceous
 Location: Shoal Creek, Austin, Texas
- **roemeri** (Whitfield) Weller
 Geol. Sur. N. J. Pal. vol. 4, 1907, p. 515, pl. LVI, figs. 4-5
 Formation: Cretaceous, Wenonah sand
 Location: New Jersey
- **sancti—sabæ** (Roemer) Adkins and Winton
 Univ. of Texas Bull. 1945, 1919, p. 73, pl. XIX, figs. 21-23
 Formation: Cretaceous, Goodland, Kiamitia
 Location: North Texas
- **sancti—sabæ** (Roemer) Böse
 Inst. Geol. de México, Bol. 25, 1910, p. 138, Lám. XXX, fig. 1
 Formation: Vraconian
 Location: Chihuahua
- **Shattucki** n. sp. Bose
 Inst. Geol. de México, Bol. 25, 1910, p. 137, Lám. XXIX, figs.

7-9

Formation: Lower Cenomanian

Location: Cerro Muleros

— *subelongata* (Meek) Whiteaves

Geol. Sur. Can., Mesozoic Fossils vol. 1, pt. 5, 1903, p. 375, no pl.

Formation: Cretaceous

Location: Sucia Islands; Nanaimo mines, Nanaimo, Vancouver Island

— *subventricosa* (M. & H.) Herrick and Johnson

Denison Univ. Sci. Lab. Bull., 1900, vol. 11, art. 9, p. 207, pl. XXX, figs. 1, 2

Formation: Cretaceous

Location: Rio Puerco valley, New Mexico

— *tosta* (Cragin) Cragin

U. S. Geol. Sur. Bull., 266, 1905, p. 79, pl. XV, figs. 2, 3

Formation: Jurassic

Location: Malone, Texas

Pholas (Linné) Gardner

Maryland Geol. Sur., U. Cret., 1916, p. 724, no pl.

Formation: Cretaceous

— *cithara* (Morton) Weller

Geol. Sur. N. J. Pal. vol. 4, 1907, p. 651, pl. LXXIV, fig. 7

Formation: Cretaceous, Merchantville clay-marl, Woodbury clay, Wenonah, Tinton beds, Vincentown limesand

Location: New Jersey; Mississippi

— *pectorosa* (Conrad) Gardner

Maryland Geol. Sur., U. Cret., 1916, p. 724, pl. XLV, fig. 1

Formation: Cretaceous, Monmouth, Ripley

Location: Maryland; New Jersey; Mississippi

Phylloceras (Suess) Smith

Cal. Acad. Sci. Proc., 3d ser. Geol., vol. 1, 1898, p. 145, no pl.

Formation: Triassic and Jurassic

Location: California

— *apenninicum* (Canavari) Burckhardt

Inst. Geol. de México, Bol. 23, 1906, p. 106, Lám. XXVIII, figs. 1-5

Formation: Jurassic, Portlandian

Location: Mazapil, Mexico

— *cfr. benecke* (Zittel) Burckhardt

Inst. Geol. de México, Bol. 29, 1912, p. 160, Lám. XXXIX, fig. 1-2

Formation: Jurassic-Cretaceous transition stage

Location: Sierrita, Durango

— *aff. consanguineum* (Gemmellaro) Burckhardt

Inst. Geol. de México, Bol. 23, 1906, p. 71, Lám. XVIII, figs. 8-11

Formation: Jurassic, Kimeridgian

Location: Mazapil, Mexico

— *forbesianum* (d'Orbigny) sp. Whiteaves

Geol. Sur. Can., Mesozoic Fossils, vol. 1, pt. 5, 1903, p. 328, no pl.

Formation: Cretaceous

Location: Hornby Island

— *indra* var. Whiteaves

- Can. Roy. Soc. Proc. Trans, 2d ser Geol., vol. 1, sec. 4, 1896, p. 129
 Formation: Cretaceous
 Location: Northwest side of Hornby Island
- **knoxvillense** var. Whiteaves
 Can. Geol. Sur., Mesozoic Fossils, vol. 1, pt. 4, 1900, p. 269, no pl.
 Formation: Cretaceous
 Location: East end of Maud Island; Cumshewa Inlet
- **knoxvillensis** n. sp. Stanton
 U. S. Geol. Sur. Bull. 133, 1895, p. 72, pl. XIV, figs. 1-4
 Formation: Cretaceous
 Location: Elder Creek, Tehama County, California, 3,000 feet below the top of the Knoxville beds
- **mazapilense** n. sp. Burckhardt
 Inst. Geol. de México, Bol. 23, 1906, p. 125, Lám. XXXIV, figs. 1-7, 19
 Formation: Jurassic, Portlandian
 Location: Mazapil, Mexico
- **onoense** (Stanton) Smith
 Cal. Acad. Sci. Proc., 3d ser. Geol. vol. 1, 1898, p. 147, pls. XIX, XX
 Formation: Cretaceous, Horsetown
 Location: California
- **Ramosum** (Meek) Whiteaves
 Can. Geol. Sur., Mesozoic Fossils, vol. 1, pt. 5, 1903, p. 327, no pl.
 Formation: Cretaceous
 Location: Northwest side of Hornby Island; east side of Dunman Island; Prennan creek, near Wellington, Vancouver Island
- **reticulatum** n. sp. Burckhardt
 Inst. Geol. de México, Bol. 29, 1912, p. 41, Lám. IX, figs. 6-10, 12-19
 Formation: Jurassic, Kimeridgian
 Location: San Pedro del Gallo, Durango
- **shastalense** n. sp. Anderson
 Cal. Acad. Sci. Proc., 3d ser Geol., vol. 2, No. 1, 1902, p. 80, pl. IV, figs. 112-115
 Formation: Cretaceous, Horsetown
 Location: Shasta County, California
- **subplicatum** n. sp. Burckhardt
 Inst. Geol. de México, Bol. 29, 1912, p. 40, Lám. VIII, figs. 1-6
 Formation: Jurassic, Kimeridgian
 Location: San Pedro del Gallo, Durango
- **subobtusiforme** n. sp. Pompeckj
 Kais. Russ. Mineral Gesell. St. Petersburg, Verth. Ser. 2, Band. 38, 1900, p. 247, Taf. VII, fig. 1
 Formation: Jurassic
 Location: Kadiak Island, Alaska
- cf. **Velledoe** (Michelin) Aguilera
 Com. Geol. de México, Bol. 1, 1895, p. 13, Lám. VI, fig. 9
 Formation: Jurassic
 Location: Mineral de Catorce, Mexico

- Phylloteuthis incertus** (nom prov.) Whiteaves
 Can. Geol. Sur., Mesozic Fossils, vol. 1, pt. 4, 1900, p. 268, pl. XXXV, fig. 1
 Formation: Cretaceous
 Location: East end of Maud Island
- Phymosoma Mexicanum** Böse n. sp.
 Inst. Geol. de México, Bol. 25, 1910, p. 158, Lám. XXXIII; figs. 7-10; Lám. XXXIV, fig. 3; Lám. XXXV, figs. 1-3, 7-8
 Formation: Lower Cenomanian
 Location: Cerro Muleros
- Physa copei** (White) Stanton and Hatcher
 U. S. Geol. Sur. Bull. 257, 1905, p. 118, no pl.
 Formation: Cretaceous, Judith River beds
 Location: Montana
- **reesidei** Stanton n. sp.
 U. S. Geol. Sur. Prof. Paper 98, 1916, p. 319, pl. LXXXIII, figs. 12, 13
 Formation: Upper Cretaceous
 Location: San Juan Basin, New Mexico
- **sp.** Stanton
 U. S. Geol. Sur., Prof. Paper 98, 1916, p. 319, no pl.
 Formation: Upper Cretaceous
 Location: San Juan Basin, New Mexico
- **sp. ?** Stanton
 U. S. Geol. Sur. Bull. 106, 1893, p. 163, (no description)
 Formation: Upper Cretaceous
 Location: Coalville, Utah
- **usitata** n. sp. White
 U. S. Geol. Sur. Bull. 128, 1895, p. 47, pl. VI figs. 8, 9
 Formation: Cretaceous, Bear River
 Location: Cokeville, Wyoming
- Piestochilus**—see **Volutomorpha**
- Piestochilus** (Meek) Gardner
 Maryland Geol. Sur., U. Cret., 1916, p. 439, no pl.
 Formation: Cretaceous
- **bella** (Gabb) Weller
 Geol. Sur. N. J. Pal., vol. 4, 1907, p. 782, pl. XCVI, figs. 1-4; pl. XCII, figs. 4-5
 Formation: Cretaceous, Navesink marl
 Location: New Jersey
- **bella** (Gabb) Gardner
 Maryland Geol. Sur., U. Cret., 1916, p. 441, no pl.
 Formation: Cretaceous, Monmouth
 Location: Delaware; New Jersey
- **kanei** (Gabb) Weller
 Geol. Sur. N. J. Pal., vol. 4, 1907, p. 784, pl. XCVI, figs. 5-9
 Formation: Cretaceous, Cliffwood clay, Wenonah sand, Navesink marl
 Location: New Jersey
- Pinacoceratidae** Hyatt and Smith
 U. S. Geol. Sur. Prof. Paper 40, 1905, p. 95, no pl.
 Formation: Triassic

Pinacoceratoidea Hyatt and Smith

U. S. Geol. Sur. Prof. Paper 40, 1905, p. 94, no pl.

Formation: Triassic

Pinna (Linné) Gardner

Maryland Geol. Sur., U. Cret., 1916, p. 544, no pl.

Formation: Cretaceous

Location: Maryland

— **comancheana** n. sp. Cragin

Amer. Geol., vol. 14, 1894, p. 3, no pl.

Formation: Cretaceous, Neocomian or Fredericksburg Division,
Comanche Peak limestone

Location: Kansas; New Mexico; Texas

— **curvimarginata** n. sp. McLearn

Canada Dept. Mines Mus. Bull. 29, 1919, p. 10, pl. IV, fig. 1

Formation: Cretaceous, Peace River

Location: Peace river, Alberta

— **Guadulupæ** n. sp. Böse

Inst. Geol. de México, Bol. 25, 1910, p. 85, Lám. XIII, figs. 1-9;
Lám. XIV, figs. 1-2

Formation: Vraconian and Cenomanian

Location: Cerro de Muleros

— **jurassica** n. sp. Whitfield and Hovey

Bull. Amer. Mus. Nat. Hist., 1906, p. 392, pls. XLIV, XLV, fig. 1

Formation: Jurassic

— **kingi** (Meek) Stanton

U. S. Geol. Sur., Mon. 32, pt. 2, 1899, p. 618, no pl.

Formation: Mesozoic

Location: Yellowstone National Park

— **kingi** (Meek) Logan

Kans. Univ. Quart., vol. 9, 1900, p. 122, pl. XXIX, figs. 3, 6

Formation: Jurassic

Location: Wyoming, Freeze-out Hills

— **laqueata** (Conrad) Weller

Geol. Sur. N. J. Pal., vol. 4, 1907, p. 419, pl. XXVI, fig. 1; pl.
XXXVII, fig. 1

Formation: Cretaceous, Merchantville clay-marl, Woodbury clay,
Navesink marl

Location: New Jersey; Mississippi; Arkansas

— **laqueata** (Conrad) Gardner

Maryland Geol. Sur., U. Cret., 1916, p. 545, pl. XXI, fig. 12

Formation: Cretaceous, Matawan, Monmouth, Ripley

Location: Delaware; New Jersey; Mississippi

— **petrina** (White) Stanton

U. S. Geol. Sur. Bull. 106, 1893, p. 88, pl. XIX, fig. 4; pl. XX, fig. 1

Formation: Cretaceous, Pugnellus sandstone

Location: East of Mt. Taylor, New Mexico; Huerfano park, Colo.

— **petrina** (White) Herrick and Johnson

Denison Univ. Sci. Lab. Bull., vol. 11, art. 9, 1900, p. 207, pl. XXXI,
figs. 1-5

Formation: Cretaceous

Location: Rio Puerco valley, and in Bernalillo County, New Mexico

— **quadrifrons** n. sp. Cragin

- U. S. Geol. Sur. Bull. 266, 1905, p. 49, pl. VII, figs. 1-8
 Formation: Jurassic
 Location: Malone, Texas
- *rostriformis* (Morton) Weller
 Geol. Sur. N. J. Pal. vol. 4, 1907, p. 420, pl. XXXVII, figs. 2-3
 Formation: Cretaceous, Vincentown sands
 Location: New Jersey
- sp. Logan
 Kans. Univ. Quart., vol. 9, 1900, p. 122, pl. XXIX, figs. 1, 2
 Formation: Jurassic
 Location: Freeze-out Hills Wyoming
- sp. Stanton
 U. S. Geol. Sur. Bull. 133, 1895, p. 49, pl. II, fig. 12
 Formation: Cretaceous, Knoxville beds
 Location: Paskenta, California
- sp. Lundgren
 Meddelelser om Grönland, vol. 19, 1895, p. 203
 Formation: Jurassic
 Location: Kap Stewart, East Greenland
- sp. Ravn
 Meddelelser om Grönland, vol. 45, 1911, p. 462
 Formation: Jurassic
 Location: Danmarks Havn, Greenland
- sp. Ravn
 Copenhagen Univ. Min. and Geol. Mus. Comm. Paleont. No. 10,
 1911, p. 462
 Formation: Jurassic
 Location: Vesterdalen at Danmarks Havn.
- sp. Whitney
 Univ. of Texas Bull. 184, 1911, p. 11, pl. I, fig. 3
 Formation: Cretaceous, Buda
 Location: Shoal Creek and Bouldin Creek, Austin, Texas
- sp. Whitney
 Tex. Acad. Sci. Trans., vol. 12, 1913, p. 11, pl. I, fig. 3
 Formation: Cretaceous, Buda Limestone
 Location: Shoal Creek and Bouldin Creek, Austin, Texas
- sp. Shattuck
 U. S. Geol. Sur., Bull. 205, 1903, p. 19, pl. VI; VII
 Formation: Cretaceous, Buda
 Location: Shoal Creek, Austin, Texas
- Placenticerias**—see **Ammonites**
- (Meek) Hyatt
 U. S. Geol. Sur. Mon. 44, 1903, p. 188, no pl.
- (Meek) Gardner
 Maryland Geol. Sur., U. Cret., 1916, p. 385, no pl.
- **californicum** (Anderson MS) Smith
 Cal. Acad. Sci. Proc., 3d ser. Geol. vol. 1, 1900, p. 203, pl. XXV,
 figs. 1-8; pl. XXVIII, fig. 6
 Formation: Cretaceous, Chico, Horsetown
 Location: California
- **californicum** n. sp. Anderson
 Cal. Acad. Proc., 3d ser. Geol., vol. 2, No. 1, 1902, p. 78, pl. VIII,

figs. 173-177

Formation: Cretaceous, Chico, Phoenix, Henley

Location: Arroyo de Vallé and San Fernando mountains, California

— *costata* n. sp. Herrick and Johnson

Denison Univ. Sci. Lab. Bull. vol. 11, art. 9. 1900, p. 214, pl. XXVIII, figs. 2-3

Formation: Cretaceous

Location: Rio Puerco valley, New Mexico

— *fallax* n. sp. Aguilera

Com. Geol. de México, Bol. 1, 1895, p. 17, Lám. VIII, figs. 1-2

Formation: Jurassic

Location: Sierra de Catorce, Mexico

— ? *fallax* (Castillo and Aguilera) Hyatt

U. S. Geol. Sur. Mon., 44, 1903, p. 234, no pl.

Formation: Cretaceous

Location: Mexico

— *guadalupæ* (Roemer) Hyatt

U. S. Geol. Sur., Mon. 44, 1903, p. 197, pl. XXIX, figs. 1-4

Formation: Cretaceous, San Carlos bed

Location: Presidio county, Texas

— *intercalare* (Meek) Hyatt

U. S. Geol. Sur. Mon., 44, 1903, p. 207, pl. XXXV-XXXVII; XXXVIII, fig. 1

Formation: Cretaceous, Fort Pierre group

Location: Black Hills region

— ? *intermedium* n. sp. Johnson

School of Mines Quart., vol. 24, No. 2, 1903, p. 206, pl. VIII, figs. 27a, b

Formation: Cretaceous, Fort Pierre age

Location: Madrid, New Mexico

— ? *intermedium* n. sp. Johnson

Columbia Univ. Contr. Dept. Geol., vol. 10, No. 90, 1903, p. 134, pl. VIII, figs. 27a, b

Formation: Cretaceous, Fort Pierre

Location: Madrid, New Mexico

— *newberryi* n. sp. Hyatt

U. S. Geol. Sur., Mon. 44, 1903, p. 203, pl. XXXI, figs. 2-5

Formation: Cretaceous, Presidio del Norte

Location: Chihuahua, Mexico

— *pacificum* n. sp. Smith

Cal. Acad. Sci. Proc. Geol. vol. 1 (3d ser.) 1900, p. 207, pl. XXIV, figs. 1-21; pl. XXV, figs. 9-11; pl. XXVI; Pl. XXVII, figs. 1-13; pl. XXVII, figs. 1-5

Formation: Cretaceous; Chico

Location: California

— *pacificum* (Smith) Anderson

Cal. Acad. Sci. Proc. 3d ser. Geol., vol. 2, No. 1, 1902, p. 79, pl. VIII, figs. 162-164; 171-172; pl. IX, fig. 180

Formation: Cretaceous, Phoenix, Henley, Chico beds

Location: Arroyo del vallé, California

— *pacificum* (Smith) Smith

- Leland Stanford Jr. Univ. Pub., 1914, pl. XIII, figs. 22-28
 Formation: Upper Cretaceous
 Location: California
- **placenta** (DeKay) Whitfield
 U. S. Geol. Sur. Mon. 18, 1892, p. 255, pl. XL, fig. 1; pl. XLI, figs. 1, 2
 Formation: Cretaceous, Lower Marl beds
 Location: Burlington, Mullica Hill, Neversink, and Freehold, New Jersey; Delaware
- (**placenta**) (DeKay) Stanton
 U. S. Geol. Sur. Bull. 106, 1893, p. 169, pl. XXXIX, figs. 1-3
 Formation: Cretaceous
 Location: Huerfano park and Rattlesnake butte, Colorado; Coalville, Utah; Upper Kanab valley, Utah
- **placenta** (DeKay) Gilbert
 U. S. Geol. Sur. 17th Ann. Rept., pt. 2, 1895-96, pl. LXIII
 Formation: Cretaceous, Tepee zone of Pierre shale
 Location: East Colorado
- **placenta** (DeKay) Logan
 Kan. Univ. Geol. Sur., vol. 4, 1898, p. 463, no pl.
 Formation: Cretaceous, Blue Hills shales
 Location: William's Butte, Michell county
- **placenta** (DeKay) ? Stanton
 U. S. Geol. Sur. Mon. 32, pt. 2, 1899, p. 640, no pl.
 Formation: Cretaceous, Montana and Colorado?
 Location: Yellowstone National Park
- **placenta** (DeKay) Hyatt
 U. S. Geol. Sur. Mon. 44, 1903, p. 211, pl. XXXIX, figs. 3-6; pl. XL, figs. 1, 2
 Formation: Cretaceous
 Location: New Jersey; Alabama
- **placenta** sp. ? (DeKay) Johnson
 School of Mines Quart., vol. 24, No. 2, 1903, p. 205, pl. VII, figs. 26, a, b
 Formation: Cretaceous, Waldo, Fort Pierre age
 Location: New Mexico
- **placenta** (DeKay) Johnson
 Columbia Univ. Cont. Dept., vol. 10, No. 90, p. 133, pl. VII, figs. 26a, b
 Formation: Cretaceous, Fort Pierre
 Location: Waldo, Madrid, New Mexico
- **placenta** (DeKay) Lasswitz
 Geol. und Pale. Abh. N. F. 6, Heft. 4, 1904, p. 11, (no pl.)
 Formation: Cretaceous
 Location: Texas
- **placenta** (DeKay) Weller
 Geol. Sur. N. J. Pal. vol. 4, 1907, p. 830, pl. CIV, fig. 6; pl. CV, fig. 1
 Formation: Cretaceous, Cliffwood clay, Merchantville clay, Marshalltown clay marl, Wenonah sand
 Location: New Jersey; Alabama
- **placenta** DeKay, Shimer and Blodgett

- Amer Jour. Sci., 4th ser., vol. 25, 1908, p. 65
 Formation: Cretaceous, Fort Benton
 Location: New Mexico
- **placenta** (DeKay) Gardner
 Maryland Geol. Sur., U. Cret., 1916, p. 385, pl. XII A
 Formation: Cretaceous, Matawan, Ripley
 Location: Delaware; Maryland
- **planum** n. sp. Hyatt
 U. S. Geol. Sur. Mon. vol. 44, 1903, p. 202, pl. XXXIII, figs. 2-4;
 pl. XXXIV
 Formation: Cretaceous, San Carlos beds
 Location: San Carlos, Texas; Presidio del Norte, Mexico
- **pseudoplacenta** Hyatt
 U. S. Geol. Sur. Mon. 44, 1903, p. 216, pl. XLIII, figs. 3-11; pl.
 XLIV
 Formation: Cretaceous, Kanab
 Location: Utah
- **pseudoplacenta** var. **occidentale** Hyatt
 U. S. Geol. Sur. Mon. 44, 1903, p. 217, pl. XLV, figs. 1, 2
 Formation: Cretaceous
 Location: Dallas County, Texas
- ? **rotundatum** n. sp. Johnson
 School of Mines Quart., vol. 24, no. 2, 1903, p. 207, pl. IX, fig.
 28a, b
 Formation: Cretaceous, Madrid, Fort Pierre age
 Location: New Mexico
- ? **rotundatum** n. sp. Johnson
 Columbia Univ. Contr. Geol. Dept., vol. 10, No. 90, 1903, p. 135,
 pl. IX, fig. 28a, b
 Formation: Cretaceous, Fort Pierre
 Location: New Mexico
- ? **rotundatum** (Johnson) Shimer and Blodgett
 Amer. Jour. Sci., 4th Ser., vol. 25, 1908, p. 66
 Formation: Cretaceous, Fort Benton
 Location: New Mexico
- **sancarlosense** n. sp. Hyatt
 U. S. Geol. Sur. Mon. 44, p. 200, 1903, pl. XXX, figs. 1-3; pl.
 XXXI, figs. 1, 2
 Formation: Cretaceous, San Carlos
 Location: Presidio County, Texas
- **sancarlosense** var. **pseudosyrtae** Hyatt
 U. S. Geol. Sur. Mon. 44, 1903, p. 200, pl. XXXII, XXXIII, fig. 1
 Formation: Cretaceous
 Location: Fort Worth, Texas
- ? sp. undt. Johnson
 School of Mines Quart., vol. 24, 1903, No. 2, p. 206
 Formation: Cretaceous
 Location: New Mexico
- ? sp. undt. Johnson
 Columbus Univ. Contr. Geol. Dept. vol. 10, No. 90, 1903, p. 134.
 Formation: Cretaceous

- Location: Waldo, New Mexico
- *sp. Stanton*
U. S. Geol. Sur., Bull. 257, 1905, p. 119, no pl.
Formation: Cretaceous, Judith River beds
Location: Montana
- *spillmani* n. sp. Hyatt
U. S. Geol. Sur. Mon. 44, 1903, p. 233, pl. XLVII, figs. 6-8
Formation: Cretaceous
Location: Burlington, New Jersey
- *stantoni* n. sp. Hyatt
U. S. Geol. Sur. Mon. 44, 1903, P. 214, no pl.
Formation: Cretaceous
Location: Utah
- *stantoni* var. *bolli* Hyatt
U. S. Geol. Sur. Mon. 44, 1903, p. 214, pl. XL; figs. 3-7; pl. XLI;
pl. XLII; pl. XLIII, figs. 1, 2
Formation: Cretaceous, Eagle Ford shales
Location: Dallas County, Texas
- *syrtales* Mort. n. var. *cumminsi* Cragin
Texas Geol. Sur. 4th Ann. Rept., 1893, p. 237, no pl.
Formation: Cretaceous, Eagle Ford division
Location: On Hackberry creek, Dallas county, Texas
- *syrtales* (Morton) Hyatt
U. S. Geol. Sur. Mon. 44, 1903, p. 205, pl. XXVII, figs. 15-17;
pl. XXVIII, figs. 1-6
Formation: Cretaceous
Location: Greene county, Alabama; Fort Worth, Texas
- *syrtales* var. *halei* Hyatt
U. S. Geol. Sur. Mon. 44, 1903, p. 206, pl. XXVII, figs. 16, 17;
pl. XXVIII, figs. 3-6
Formation: Cretaceous, Eutaw beds
Location: Greene County ? Alabama
- ? *telifer* (Morton)
U. S. Geol. Sur. Mon. 44, 1903, p. 233, no pl.
Formation: Cretaceous
Location: New Jersey
- *telifer* (Morton) Weller
Geol. Sur. N. J. Pal. vol. 4, 1907, p. 832, pl. CIV, figs. 7-8
Formation: Cretaceous
Location: New Jersey
- *sp. Stanton and Hatcher*
U. S. Geol. Sur. Bull. 257, 1905, p. 119, no pl.
Formation: Cretaceous, Judith River beds
Location: Montana
- *whitfieldi* n. sp. Hyatt
U. S. Geol. Sur. Mon. 44, 1903, p. 221, pl. XLV, figs. 3-16; pl.
XLVI, pl. XLVII, figs. 1-4
Formation: Cretaceous
Location: Nebraska; South Dakota; California
- *whitfieldi* var. *tuberculatum* Hyatt
U. S. Geol. Sur. Prof. Paper 44, 1903, p. 232, pl. XLVII, fig. 5
Formation: Cretaceous

Location: South Dakota

Placenticeratidae (Hyatt) Hyatt

U. S. Geol. Sur. Mon. 44, 1903, p. 188, no pl.

Placites (Mojsisovics) Hyatt and Smith

U. S. Geol. Sur. Prof. Paper 40, 1905, p. 107, no pl.

— **humboldtensis** n. sp. Hyatt and Smith

U. S. Geol. Sur. Prof. Paper 40, 1905, p. 107, pl. LVI, figs. 10-25

Formation: Triassic

Location: Lovelock, Nevada

Placosmilia (?) sp. Adkins and Winton

Univ. of Texas Bull. 1945, 1919, p. 80, pl. XIX, figs. 24-26

Formation: Cretaceous, Pawpaw clay

Location: Texas

Placunopsis ? **hilliardensis** (White) Stanton

U. S. Geol. Sur. Bull. 106, 1893, p. 68, pl. VIII, fig. 11

Formation: Cretaceous, Fox Hills group

Location: Near Hilliard station, Union Pacific RR. Wyoming; Colorado

— **minuta** n. sp. Lundgren

Meddelelser om Grønland, vol. 19, 1895, p. 197, pl. III, fig. 11

Formation: Jurassic

Location: Kap Stewart, East Greenland

Plagiolophus vancouverensis n. sp. Woodward

Geol. Soc. London Quart. Jour., vol. 52, 1896, p. 227, figs. 5, 6

Formation: Cretaceous

Location: Hornby Island; Comox River, Vancouver Island; Canada

— **vancouverensis** (Woodward) Whiteaves

Can. Geol. Sur., Mesozoic Fossils, vol. 1, pt. 5, 1903, p. 315, no pl.

Formation: Cretaceous

Location: Comox River, Comox, Vancouver Island; Hornby Island; Denman Island

Plagiostoma—see Lima

— **erecta** (Whitfield) Weller

Geol. Sur. N. J. Pal. vol. 4, 1907, p. 495, pl. LIV, fig. 10

Formation: Cretaceous, Marshalltown clay marl, Navesink marl

Location: New Jersey

Planicellaria cylindrica (Gabb and Horn) Weller

Geol. Sur. N. J. Pal., vol. 4, 1907, p. 339, pl. XXIV, fig. 8

Formation: Cretaceous, Vincentown limesand

Location: Vincentown, New Jersey

— **oculata** (D'Orbigny) Weller

Geol. Sur. N. J. Pal., vol. 4, 1907, p. 338, pl. XXIV, figs. 6, 7

Formation: Cretaceous, Vincentown limesand

Location: Vincentown, New Jersey

Planorbis (**Bathyomphalus**) **amplexus** (Meek and Hayden) Stanton and Hatcher

U. S. Geol. Sur. Bull. 257, 1905, p. 118, no pl.

Formation: Cretaceous, Judith River beds

Location: Montana

— (**Bathyomphalus**) **chacoensis** Stanton n. sp.

U. S. Geol. Sur. Prof. Paper 98, 1916, p. 319, pl. LXXXIII, figs. 14-16

- Formation: Upper Cretaceous
 Location: San Juan Basin, New Mexico
- *paucivolvis* (Whiteaves) Stanton and Hatcher
 U. S. Geol. Sur. Bull. 257, 1905, p. 118, no. pl.
 Formation: Cretaceous, Judith River Beds
 Location: Montana
- *præcursoris* n. sp. White
 U. S. Geol. Sur., Bull. 128, 1895, p. 46, pl. VI, figs. 4-7
 Formation: Cretaceous, Bear River
 Location: Near Cokeville, Wyoming
- Platidia cretacea* n. sp. Weller
 Geol. Sur. N. J. Pal. vol. 4, 1907, p. 363, pl. XXVII, figs. 18-19
 Formation: Cretaceous, Vincentown limesand
 Location: Vincentown, New Jersey
- Plesioptygmatis* n. subgen. Böse
 Institute Geol. de México, Bol. 24, 1906, p. 65, Lám. XV, figs. 3-13
 Formation: Cretaceous
 Location: Mexico
- Pleurolimnæa tenuicosta* (M. and H.) Baker
 Chicago Acad. Sci. Spec. Pub., No. 3, 1911, p. 91, pl. XVI, figs. 9-11; pl. XVII, fig. 4
 Formation: Cretaceous, Laramie
 Location: Alberta
- *tenuicosta* (Whiteaves) n. var. Baker
 Chicago Acad. Sci. Spec. Pub., No. 3, 1911, p. 93
 Formation: Cretaceous, Laramie
 Location: Blind Man River, Saskatchewan
- Pleuromya concentrica* n. sp. Hyatt
 Geol. Soc. Amer. Bull. Vol. 5, 1894, p. 419, no pl
 Formation: Lower Jurassic
 Location: Beaver Creek, Blue mountains, Oregon
- ? *concentrica* n. sp. Whitfield and Hovey
 Bull. Amer. Mus. Nat. Hist., Vol. 22, 1906, p. 397, pl. XLVIII, figs. 8, 9
 Formation: Jurassic
 Location: Black Hills
- (?) *henselli* n. sp. Hill
 Wash Biol. Soc. Proc., vol. 8, 1893, p. 31, pl. IV, figs. 1, 2
 Formation: Cretaceous, most characteristic cast in Glen Rose in Colorado River sections
 Location: Texas
- *humboldtensis* (Gabb) Smith
 U. S. Geol. Sur. Prof. Paper 83, 1914, p. 143, pl. XVI, fig. 14
 Formation: Triassic
 Location: West Humboldt range, Nevada
- *incostans* n. sp. Aguilera
 Com. Geol. de México, Bol. 1, 1895, p. 10, Lám. V, figs. 15, 16; Lám. VI, figs. 1-4
 Formation: Jurassic
 Location: Mineral de Catorce, Mexico
- *incostans* (Castillo and Aguilera) Cragin
 U. S. Geol. Sur. Bull. 266, 1905, p. 82, pl. XVII, figs. 1-5; pl.

- XVIII, figs. 1-3
 Formation: Jurassic
 Location: Malone, Texas
- *inconstans* var. *curta* n. var. Cragin
 U. S. Geol. Sur. Bull. 266, 1905, p. 84, pl. XVIII, fig. 4; pl. XIX, figs. 1, 2
 Formation: Jurassic
 Location: Malone, Texas
- *laevigata* (Whiteaves) Whiteaves
 Can. Geol. Sur. Mesozoic Fossils, vol. 1, pt. 4, 1900, p. 289, no pl.
 Formation: Cretaceous
 Location: Alliford Bay; Maud Island
- *papyracea* var. *carlottensis* Whiteaves
 Can. Geol. Sur., Mesozoic Fossils, vol. 1, pt. 4, 1900, p. 289, no pl.
 Formation: Cretaceous
 Location: South side of Alliford Bay, Queen Charlotte Islands
- *peregrina* (d'Orbigny) sp. Ravn
 Meddelelser om Grönland, vol. 45, 1911, p. 480
 Formation: Jurassic
 Location: "Kloft I" Store Koldewey Island, 4 Saenkning, Store Koldewey Island
- *peregrina* (d'Orbigny sp.) Ravn
 Copenhagen Univ. Min. and Geol. Mus. Comm. Paleont. No. 10, 1911, p. 480
 Formation: Jurassic
 Location: "Kloft I", "4Saenkning", Store Koldewey Island
- ? sp. Madsen
 Meddelelser om Grönland vol. 29, 1903, p. 187, pl. VI, fig. 17
 Formation: Jurassic
 Location: Jameson's Land
- *subcompressa* (Meek) Stanton
 U. S. Geol. Sur., Mon. 32, pt. 2, 1899, p. 626, pl. LXXIV, figs. 8-11
 Formation: Jurassic, Ellis
 Location: Yellowstone National Park
- *subcompressa* (Meek) Logan
 Kans Univ. Quart., vol. 9, 1900, p. 120, pl. XXVI, figs. 4, 7, 8
 Formation: Jurassic
 Location: Freeze-out Hills, Wyoming
- (?) *undulata* n. sp. Davis
 Journal Geol., vol. 21, 1913, p. 454, fig. 4
 Formation: Jurassic, Slate's Springs (Franciscan)
 Location: California
- Pleuroachpdiscus Hoffmannii* (Gabb) Whiteaves
 Can. Geol. Sur., Mesozoic Fossils, vol. 1, pt. 5, 1903, p. 352, no pl.
 Formation: Cretaceous
 Location: Sucia Islands
- Pleurostomella subnodosa* (Reuss) Woodward
 New York Microscopical Soc. Journ., vol. 10, No. 4, 1894, p. 100
 Formation: Cretaceous
 Location: Timber Creek, N. J.
- *subnodosa* (Reuss) Woodward and Thomas
 Minn. Geol. and Nat. Hist. Sur. Final Rept., vol. 3, pt. 1, 1895, p.

- 33, pl. C, fig. 25
 Formation: Cretaceous
 Location: Nebraska; Illinois
- *subnodosa* (Reuss) Bagge
 U. S. Geol. Sur. Bull. 88, 1898, p. 34, no pl.
 Formation: Cretaceous, Rancocas
 Location: New Jersey
- *subnodosa* (Reuss) Weller
 Geol. Sur. N. J. Pal. vol. 4, 1907, p. 202, pl. I, figs. 32-34
 Formation: Cretaceous, Vincentown limesand
 Location: New Jersey
- Pleurotoma decipiens* n. sp. Cooper
 Cal. State Min. Bur., Bull. 4, 1894, p. 40, pl. II, fig. 32
 Formation: Cretaceous
 Location: Rose Canyon, California
- *farmingdalensis* n. sp. Whitfield
 U. S. Geol. Sur. Mon. 18, 1892, p. 185, pl. XXIII, figs. 3, 4
 Formation: Cretaceous, Base of Upper Green Marls
 Location: Farmingdale, New Jersey
- *farmingdalensis* n. sp. Whitfield
 Geol. Sur. N. J., vol. 2, 1892, p. 185, pl. XXIII, figs. 3, 4
 Formation: Cretaceous, Upper Green Marls
 Location: New Jersey
- *farmingdalensis* (Whitfield) Weller
 Geol. Sur. N. J. Pal., vol. 4, 1907, p. 802, pl. XCVIII, figs. 18-19
 Formation: Cretaceous, Manasquan marl
 Location: New Jersey
- *hitzi* (Meek) Stanton
 U. S. Geol. Sur. Bull. 106, 1893, p. 161, pl. XXXIV, fig. 4
 Formation: Cretaceous, Colorado
 Location: Opposite Fort Shea on the Missouri river
- (?) *hitzi* (Meek) Herrick and Johnson
 Denison Univ. Sci. Lab. Bull., vol. 11, art. 9, 1900, p. 238, pl. XLIV, fig. 4
 Formation: Cretaceous
 Location: New Mexico
- *perkinsiana* n. sp. Cooper
 Cal. State Min. Bureau Bull. No. 4, 1894, p. 40, pl. II, figs. 23, 24
 Formation: Cretaceous
 Location: Marysville Buttes, California
- Pleurotomaria abbotti* (Gabb) Pilsbry
 Phila. Acad. Nat. Sci. Proc., vol. 63, 1911, p. 534, no pl.
 Formation: Cretaceous
 Location: New Jersey
- *austinensis* (Shumard) Adkins and Winton
 Univ. of Texas Bull. 1945, 1919, P. 76, pl. XVIII, figs. 2-3
 Formation: Cretaceous, Duck Creek and Fort Worth
 Location: North Texas
- *brittoni* n. sp. Whitfield
 Geol. Sur. N. J., vol. 2, 1892, p. 188, pl. XXIII, figs 7-9
 Formation: Cretaceous, Upper Green Marls
 Location: New Jersey

- *brittoni* n. sp. Whitfield
U. S. Geol. Sur. Mon. 18, 1892, p. 188, pl. XXIII, figs. 7-9
Formation: Cretaceous, Base of Upper Green Marls
Location: Farmingdale, New Jersey
- *brittoni* (Whitfield) Weller
Pal. N. J., vol. 4, 1907, p. 667, pl. LXXV, figs. 10-12
Formation: Cretaceous, Manasquan marl
Location: New Jersey
- *circumtrunca* n. sp. Cragin
U. S. Geol. Sur. Bull. 266, 1905, p. 88, pl. XIX, figs. 8, 9
Formation: Jurassic
Location: Malone, Texas
- *crotaloides* (Morton) Pilsbry
Philadelphia Acad. Nat. Sci. Proc., Vol. 48, 1896, p. 10, pl. 1
Formation: Cretaceous, Lower and Middle Marl, Selma
Location: New Jersey; Alabama
- *crotaloides* (Morton) Weller
Geol. Sur. N. J. Pal., vol. 4, 1907, p. 665, pl. LXXV, figs. 7-9
Formation: Cretaceous, Navesink marl
Location: New Jersey; Alabama; Texas
- *crotaloides* (Morton) Pilsbry
Philadelphia Acad. Nat. Sci. Proc., vol. 63, 1911, p. 534, fig. 1
Formation: Cretaceous
Location: New Jersey
- *macilenta* n. sp. Cragin
Texas Geol. Sur., 4th Ann. Rept. 1893, p. 228, no pl.
Formation: Cretaceous, Fort Worth limestone
Location: Travis, Williamson, Bell, and Gillespie counties, Texas
- *robusta* n. sp. Cragin
Texas Geol. Sur., 4th Ann. Rept. 1893, p. 228, no pl.
Formation: Cretaceous, Fort Worth limestone
Location: On Bosque river bluffs, 2 mi. southwest of Bosqueville,
and on San Gabriel river, 2 mi. east of Georgetown, Texas
- *skidegatensis* Whiteaves
Geol. Sur. Can., Mesozoic Fossils, vol. 1, pt. 4, 1900, p. 288, no pl.
Formation: Cretaceous
Location: East end of Maud Island, south side of Alliford Bay
- sp. Stanton
U. S. Geol. Sur. Bull. 133, 1895, p. 64, no pl.
Formation: Cretaceous, Knoxville beds
Location: California
- *stantoni* n. sp. Shattuck
U. S. Geol. Sur., Bull. 205, 1903, p. 30, pl. XX
Formation: Cretaceous
Location: Shoal creek, Austin, Texas
- *tintonensis* n. sp. Whitfield
Geol. Sur. N. J., vol. 2, 1892, p. 178, pl. XXII, figs. 6-9
Formation: Cretaceous, Middle Green Marls
Location: New Jersey
- *tintonensis* n. sp. Whitfield
U. S. Geol. Sur. Mon. 18, 1892, p. 178, pl. XXII, figs. 6-9
Formation: Cretaceous, Middle Green Marls

- Location: Tinton Falls, New Jersey
- *woolmani* n. sp. Pilsbry
Philadelphia Acad. Nat. Sci. Proc., vol. 63, 1911, p. 535, no fig.
Formation: Cretaceous
Location: Mullica Hill, New Jersey
- Pleurotrema* n. gen. Whitfield
Geol. Sur. N. J., vol. 2, 1892, p. 179, no pl.
- n. gen. Whitfield
U. S. Geol. Sur. Mon. 18, 1892, p. 179, no pl.
- *solariformis* n. sp. Whitfield
Geol. Sur. N. J., vol. 2, 1892, p. 180, pl. XXII, figs. 10-14
Formation: Cretaceous, Middle Green Marls
Location: New Jersey
- *solariformis* n. sp. Whitfield
U. S. Geol. Sur. Mon. 18, 1892, p. 180, pl. XXII, figs. 10-14
Formation: Cretaceous, Middle Green Marls
Location: Timber creek, New Jersey
- *solariformis* Whitfield, Weller
Geol. Sur. N. J. Pal., vol. 4, 1907, p. 667, pl. LXXXV, figs. 13-14
Formation: Cretaceous, Vincentown limesand
Location: New Jersey
- Plicatula arenaria* (Meek) Stanton
U. S. Geol. Sur. Bull. 106, 1893, p. 70, pl. IX, figs. 3, 4
Formation: Cretaceous, "Lower cretaceous of Dr. Newberry's section"
Formation: Covero, New Mexico
- *arenaria* (Meek) Herrick and Johnson
Denison Univ. Sci. Lab. Bull. vol. 11, art. 9, 1900, pl. XXXVI, figs. 3, 4, (no description)
Formation: Cretaceous
Location: Near Albuquerque, New Mexico
- *dentonensis* n. sp. Cragin
Texas Geol. Sur., 4th Ann. Rept., 1893, p. 209, pl. XLVI, figs. 7, 8
Formation: Cretaceous, Below Denton marl
Location: East side of Denton creek valley, opposite Justin, Denton county, Texas
- *hydrotheca* (White) Stanton
U. S. Geol. Sur. Bull. 106, 1893, p. 69, pl. IX, figs. 1, 2
Formation: Cretaceous, Colorado
Location: Head of Water-pocket canyon, Southern Utah
- *hydrotheca* (White) Herrick and Johnson
Denison Univ. Sci. Lab. Bull., vol. 11, art. 9, 1900, no descrip., pl. XXXVI, figs. 1, 2
Formation: Cretaceous
Location: Near Albuquerque, New Mexico
- *incongrua* (Con.) Cragin
Texas Geol. Sur., 4th Ann. Rept., 1893, p. 209, pl. XLVI, figs. 9, 10
Formation: Cretaceous
Location: Texas
- *mulicaensis* n. sp. Weller
Geol. Sur. N. J. Pal., vol. 4, 1907, p. 485, pl. LII, figs. 3-5
Formation: Cretaceous, Navesink marl

- Location: New Jersey
 — *ci. spinosa* Sow. Lundgren
 Meddeleiser om Grönland, vol. 19, 1895, p. 197, pl. III, fig. 10
 Formation: Jurassic
 Location: Kap Stewart, east Greenland
 — *sportella* n. sp. Cragin
 U. S. Geol. Sur. Bull. 266, 1905, p. 43, pl. III, figs. 8, 9
 Formation: Jurassic
 Location: Malone, Texas
 — *senescens* n. sp. Cragin
 Amer. Geol., vol. 14, 1894, p. 2, pl. I, figs. 17-18
 Formation: Neocomian
 Location: Kiowa county, Kansas
 — *subgurgitis* n. sp. Böse
 Inst. Geol. de México, Bol 25, 1910, p. 100, Lám. XV, figs. 21-23
 Formation: Lower Cenomanian
 Location: Cerro de Muleros
 — *urticosa* (Morton) Weller
 Geol. Sur. N. J. Pal., vol. 4, 1907, p. 484, pl. LII, figs. 1-2
 Formation: Cretaceous, Navesink marl
 Location: New Jersey
 — *woodburyensis* n. sp. Weller
 Geol. Sur. N. J. Pal., vol. 4, 1907, p. 485, pl. LII, figs. 8-9
 Formation: Cretaceous, Woodbury clay
 Location: New Jersey
Podocrates—see *Linuparis*
 — *vancouverensis* n. sp. Whiteaves
 Can. Roy. Soc. Proc. and Trans., 2d ser., vol. 1, sec. 4, 1895, p. 132
 Formation: Cretaceous
 Location: Hornby Island, Vancouver
Polorthus tibialis (Morton) Weller
 Geol. Sur. N. J. Pal., vol. 4, 1907, p. 659, pl. LXXIV, figs. 12-15
 Formation: Cretaceous, Vincentown timesand
 Location: New Jersey
Polycyclus (Mojsisovics) Hyatt and Smith
 U. S. Geol. Sur. Prof. Paper 40, 1905, p. 201, no pl.
 Formation: Triassic
 Location: California
 — *nodifer* n. sp. Hyatt and Smith
 U. S. Geol. Sur. Prof. Paper 40, 1905, p. 201, pl. XXXVIII, figs. 1-18
 Formation: Triassic
 Location: Shasta County, California
Polymorphina augusta (Egger) Woodward
 New York Microscopical Soc. Journ., vol. 10, No. 4, 1894, p. 125
 Formation: Cretaceous
 Location: Mullica Hill, N. J.
 — *communis* (d'Orbigny) Woodward
 New York Microscopical Soc. Journ., vol. 10, No. 4, 1894, p. 126
 Formation: Cretaceous
 Location: Mullica Hill, Timber Creek, New Jersey
 — *communis* (d'Orbigny) Bagg
 U. S. Geol. Sur. Bull. 88, 1898, p. 60, pl. VI, fig. 2

- Formation: Rancocas
Location: New Jersey
- **communis** (d'Orbigny) Weller
Geol. Sur. N. J. Pal., vol. 4, 1907, p. 248, pl. III, fig. 18
Formation: Cretaceous, Vincentown limesand
Location: New Jersey
- **compressa** (d'Orbigny) Woodward
New York Microscopical Soc. Journ., vol. 10, No. 4, 1894, p. 127
Formation: Cretaceous
Location: Mullica Hill, Timber Creek, New Jersey
- **compressa** (d'Orbigny) Baggs
U. S. Geol. Sur. Bull. 88, 1898, p. 60, no pl.
Formation: Rancocas
Location: New Jersey
- **compressa** (d'Orbigny) Weller
Geol. Sur. N. J. Pal., vol. 4, 1907, p. 248, pl. III, fig. 20
Formation: Cretaceous, Vincetown limesand
Location: Vincetown, New Jersey
- **emersoni** n. sp. Baggs
U. S. Geol. Sur. Bull. 88, 1898, p. 60, pl. VI, fig. 3
Formation: Cretaceous, Monmouth
Location: New Jersey
- **emersoni** (Baggs) Weller
Geol. Sur. N. J. Pal., vol. 4, 1907, p. 249, pl. III, fig. 19
Formation: Cretaceous, Navesink marl
Location: Freehold, New Jersey
- **gibba** (d'Orbigny) Baggs
U. S. Geol. Sur. Bull. 88, 1898, p. 61, no pl.
Formation: Monmouth and Rancocas
Location: New Jersey
- **gibba** (d'Orbigny) Weller
Geol. Sur. N. J. Pal., vol. 4, 1907, p. 250, pl. III, fig. 21
Formation: Cretaceous, Navesink marl
Location: Freehold, New Jersey
- **lactea** (Walker and Jacob) Woodward
New York Microscopical Soc. Journ., vol. 10, No. 4, 1894, p. 128
Formation: Cretaceous
Location: Timber Creek, New Jersey
- **lactea** (Walker and Jacob) Baggs
U. S. Geol. Sur. Bull. 88, 1898, p. 61, no pl.
Formation: Monmouth, Rancocas
Location: New Jersey
- **lactea** (Walker and Jacob) Weller
Geol. Sur. N. J. Pal., vol. 4, 1907, p. 250, pl. III, figs. 22-23
Formation: Cretaceous, Navesink marl
Location: Freehold, New Jersey
- **lactea elongata** var. (Brady) Baggs
U. S. Geol. Sur. Bull. 88, 1898, p. 61, no pl.
Formation: Rancocas
Location: New Jersey
- **lactea elongata** var. (Brady) Weller
Geol. Sur. N. J. Pal. vol. 4, 1907, p. 251, pl. III, figs. 24-25

- Formation: Cretaceous, Vincenttown limesand
Location: Vincenttown, New Jersey
- **oblonga** (d'Orbigny) Woodward
New York Microscopical Soc. Journ., vol. 10, No. 4, 1894, p. 125
Formation: Cretaceous
Location: Timber Creek, New Jersey
- **oblonga** (d'Orbigny) Baggs
U. S. Geol. Sur. Bull. 88, 1898, p. 62, no pl.
Formation: Monmouth, Rancocas
Location: New Jersey
- **oblonga** (d'Orbigny) Weller
Geol. Sur. N. J. Pal., vol. 4, 1907, p. 252, no pl.
Formation: Cretaceous, Navesink marl
Location: Freehold, New Jersey
- **orbignii** (Zborzewski) Baggs
U. S. Geol. Sur. Bull. 88, 1898, p. 62, no pl.
Formation: Cretaceous, Rancocas
Location: New Jersey
- **orbignii** (Zborzewski) Weller
Geol. Sur. N. J. Pal., vol. 4, 1907, p. 252, pl. III, fig. 26
Formation: Cretaceous, Vincenttown limesand
Location: Vincenttown, New Jersey
- **problema** (d'Orbigny) Woodward
New York Microscopical Soc. Journ., vol. 10, No. 4, 1894, p. 130
Formation: Cretaceous
Location: Mullica Hill, Timber Creek, New Jersey
- **problema** (d'Orbigny) Baggs
U. S. Geol. Sur. Bull. 88, p. 62, no pl.
Formation: Lias to Recent, Rancocas
Location: New Jersey
- **problema** (d'Orbigny) Weller
Geol. Sur. N. J. Pal., vol. 4, 1907, p. 253, pl. III, figs. 27-28
Formation: Cretaceous, Vincenttown limesand
Location: New Jersey
- **regularis** (von Münster) Woodward
New York Microscopical Soc. Journ., vol. 10, No. 4, 1894, p. 131
Formation: Cretaceous
Location: Mullica Hill, Timber Creek, New Jersey
- **regularis** (von Münster) Baggs
U. S. Geol. Sur. Bull. 88, 1898, p. 63, no pl.
Formation: Cretaceous, Rancocas
Location: New Jersey
- **regularis** (von Münster) Weller
Geol. Sur. N. J. Pal., vol. 4, 1907, p. 253, pl. III, figs. 29-31
Formation: Cretaceous, Vincenttown limesand
Location: Brownsville, New Jersey
- **rotundata** (Bornemann) Woodward
New York Microscopical Soc. Journ., vol. 10, No. 4, 1894, p. 131
Formation: Cretaceous
Location: Timber Creek, New Jersey
- Polynices** (Montfort) Gardner
Maryland Geol. Sur., U. Cret., 1916, p. 499, no pl.

- Formation: Cretaceous
Location: Maryland
- (*Euspira*) *altispira* (Gabb) Gardner
Maryland Geol. Sur., U. Cret., 1916, p. 500, no pl.
Formation: Cretaceous, Matawan, Monmouth
Location: Maryland; New Jersey
- (*Euspira*) *halli* (Gabb) Gardner
Maryland Geol. Sur., U. Cret., 1916, p. 499, pl. XIII, figs. 1, 2
Formation: Cretaceous, Monmouth, Matawan
Location: Maryland; New Jersey
- Polypora coyotaensis* n. sp. Herrick and Johnson
Denison Univ. Sci. Lab. Bull. vol. 11, art. 9, 1900, pl. XLVII, fig. 8 (no description)
Formation: Cretaceous
Location: Near Coyote Springs, New Mexico
- Polytychites*—see *Olocostephanus*
- sp. indt. Burckhardt
Inst. Geol. de México, Bol. 23, 1906, p. 186, Lám. XL, fig. 6
Formation: Cretaceous
Location: Mazapil, Mexico
- Pontocypris pyriformis* n. sp. Jones
Geol. Mag., dec. IV, vol. 2, 1895, p. 23, pl. II, figs. 3a, b, c
Formation: Cretaceous, Saint Mary River beds
Location: South Branch Milk River, Alberta, Canada
- Popanoceras* (Hyatt) Hyatt and Smith
U. S. Geol. Sur. Prof. Paper 40, 1905, p. 70, no pl.
Formation: Triassic
- (*Parapopanoceras*) *haugi* n. sp. Hyatt and Smith
U. S. Geol. Sur. Prof. Paper 40, 1905, p. 71, pl. LXXVI, figs. 1-22
Formation: Triassic
Location: Inyo County, California
- (*Parapopanoceras*) *haugi* Hyatt and Smith
U. S. Geol. Sur. Prof. Paper 83, 1914, p. 41, pl. XIII, figs. 1-22; pl. XXXIV, figs. 14, 15
Formation: Triassic
Location: West Humboldt range, Nevada
- Popanoceratidae* (Hyatt) suborder Hyatt and Smith
U. S. Geol. Sur. Prof. Paper 40, 1905, p. 70, no pl.
- Porina coronata* (Reuss) ? Weller
Geol. Sur. N. J. Pal. vol. 4, 1907, p. 351, pl. XXVI, fig. 11
Formation: Cretaceous, Vincentown limesand
Location: New Jersey
- *labiata* (Gabb and Horn) Weller
Geol. Sur. N. J. Pal. vol. 4, 1907, p. 350, pl. XXVI, figs. 1-6
Formation: Cretaceous, Vincentown limesand
Location: Vincentown, New Jersey
- *quadrangularis* (Gabb and Horn) Weller
Geol. Sur. N. J. Pal., vol. 4, 1907, p. 350, pl. XXVI, figs. 7-8
Formation: Cretaceous, Vincentown limesand
Location: Timber Creek, New Jersey
- Porites reussiana* (Duncan) Vaughan
Harv. Coll. Mus. Comp. Zool. Bull., vol. 34, p. 249, no pl.

Formation: Cretaceous

Location: Upper Clarendon District, Jamaica

Porocystis n. gen. Cragin

Texas Geol. Sur., 4th Ann. Rept., 1893, p. 165, no pl.

— **pruniformis** n. sp. Cragin

Texas Geol. Sur., 4th Ann. Rept., 1893, p. 165, pl. XXIV, figs. 2-6

Formation: Cretaceous, Chalky limestone of alternating beds

Location: Travis, Burnet, Williamson, Lampasas, and other counties, Texas

— **pruniformis** Cragin (? *Araucarites Wardi* Hill) Rauff

Neues Jahrbuch Min., 1895, Band 1, p. 1, Taft I, fig. 1

Formation: Cretaceous, Glen Rose, Comanche Peak

Location: Travis, Burnet, Williamson and Lampasas counties, Texas

— **pruniformis** (Cragin) Jarvis

Biol. Bull., vol. 9, 1905, p. 388, figs. 1-6

Formation: Cretaceous

Location: Texas

Posidonomya ornati (Quenstedt) Ravn

Meddeleiser om Grønland, vol. 45, 1911, p. 462, pl. XXXIII, figs. 2, 3

Formation: Jurassic

Location: Store Koldewey Island

— **ornati** (Quenstedt sp) Ravn

Copenhagen Univ. Min. and Geol. Mus. Comm. Paleont. No. 10, 1911, p. 462, pl. XXXIII, figs. 2, 3

Formation: Jurassic

Location: Traekpasset, Store Koldewey Island

Postligata—see *Glycimeris*

— n. subgen. Gardner

Maryland Geol. Sur., U. Cret., 1916, p. 543, no pl.

Potamides carbonicola n. sp. Cooper

Cal. State Min. Bureau Bull. No. 4, 1894, p. 44, pl. I, figs. 14-19

Formation: Cretaceous

Location: California Coal Mine, Fresno County, California

— ? **davisiana** n. sp. Cooper

Cal. State Min. Bureau Bull. No. 4, 1894, p. 44, pl. I, fig. 13

Formation: Cretaceous

Location: Marysville Butte, California

— **tenuis** (Gabb) Whiteaves

Can. Geol. Sur., Mesozoic Fossils, vol. 1, pt. 5, 1903, p. 363, no pl.

Formation: Cretaceous

Location: Northwest side of Hornby Island; Nanaimo mines, Vancouver Island

Potamocypris affinis n. sp. Jones

Geol. Mag., dec. III, vol. 10, 1893, p. 387, pl. XV, figs. 8a, b

Formation: Bear River formation

Location: Cokeville, S. W. Wyoming

— **unisulcata** (Jones) Jones

Geol. Mag., dec. III, vol. 10, 1893, p. 387, pl. XV, figs. 10a, b

Formation: Montana formation

- Location: Coalville, Utah
Prionocyclus macombi (Meek) Stanton
 U. S. Geol. Sur. Bull. 106, 1893, p. 172, pl. XLI, fig. 1-5
 Formation: Cretaceous
 Location: Banks of Canadian River, New Mexico; Near Mancos, southwest Colorado
- *macombi* (Meek) Logan
 Kan. Univ. Geol. Sur., vol. 4, 1898, p. 464-465, pl. CI
 Formation: Cretaceous
 Location: Septaria horizon, Williams' Butte, Mitchell county, Kansas
- *macombi* (Meek) Johnson
 School of Mines Quart., vol. 24, No. 2, p. 211, 1903, (See Bull. U. S. Geol. Sur., No. 106, p. 172)
 Formation: Cretaceous, Fort Benton age
 Location: Cerrillos, New Mexico
- *macombi* (Meek) Johnson
 Columbia Univ. Contr. Geol. Dept., vol. 10, No. 90, 1903, p. 139
 Formation: Cretaceous, Fort Benton age
 Location: Cerrillos, New Mexico
- n. sp. Johnson
 School of Mines Quart. vol. 24, No. 2, 1903, p. 211, pl. I, fig. 15
 Formation: Cretaceous, Fort Benton age
 Location: Cerrillos, New Mexico
- n. sp. Johnson
 Columbia Univ. Contr. Geol. Dept., vol. 10, No. 90, 1903, p. 139
 Formation: Cretaceous; Fort Benton
 Location: Cerrillos, New Mexico
- *woolgari* (Mantell) Herrick and Johnson
 Denison Univ. Sci. Lab. Bull., vol. 11, art. 9, 1900, p. 215, pl. XXVIII, fig. 1
 Formation: Cretaceous
 Location: Rio Puerco Valley, New Mexico
- *wyomingensis* (Meek) Stanton
 U. S. Geol. Sur. Bull. 106, 1893, p. 171, pl. XL, figs. 1-4
 Formation: Cretaceous, beneath Niobrara limestone
 Location: Medicine Bow river, Wyoming; Huerfano park, Southern Colorado
- *wyomingensis* (Meek) Gilbert
 U.S. Geol. Sur., 17th Ann. Rept., pt. 2, 1895-96, pl. LVIII
 Formation: Cretaceous, Carlile shale
 Location: East Colorado
- *wyomingensis* (Meek) Logan
 Kan. Univ. Geol. Sur., vol. 4, 1898, p. 463-64, pl. CVI
 Formation: Cretaceous, Septaria horizon
 Location: Williams' Butte, Mitchell county, Kansas
- *wyomingensis* (Meek) Johnson
 School of Mines Quart., vol. 24, No. 2, 1903, p. 211 (See U. S. Geol. Sur. Bull., No. 106, p. 171)
 Formation: Fort Benton age
 Location: Cerrillos, New Mexico
- *wyomingensis* (Meek) Johnson
 Columbia Univ. Contr. Geol. Dept., vol. 10, No. 90, 1903, p. 139

- Formation: Cretaceous, Ft. Benton
 Location: Cerrillos, New Mexico
- **wyomingensis** (Meek) Shimer and Blodgett
 American Jour. Sci., 4th ser., vol. 25, 1908, p. 66
 Formation: Cretaceous, Ft. Benton
 Location: New Mexico
- Prionolobus**—see *Meekoceras*
- Prionolobus** (Waagen) subgen. Hyatt and Smith
 U. S. Geol. Sur. Prof. Paper 40, 1905, p. 150, no pl.
 Formation: Triassic
 Location: California
- Prionotropis branneri** n. sp. Anderson
 Cal. Acad. Sci. Proc., 3d ser. Geol., vol. 2, No. 1, 1902, p. 125, pl. 1,
 figs. 11-16
 Formation: Cretaceous, Chico beds
 Location: Phoenix, Oregon
- **hyatti** n. sp. Stanton
 U. S. Geol. Sur. Bull. 106, 1893, p. 176, pl. XLII, figs. 5-8
 Formation: Cretaceous, Pugnellus sandstone
 Location: Huerfano park, Colorado; Coalville, Utah
- **hyatti** (Stanton) Logan
 Kan. Univ. Geol. Sur., vol. 4, 1898, p. 468, pl. CII, figs. 5-8
 Formation: Cretaceous, Fort Benton limestone
 Location: Salt creek and Rattlesnake creek
- **hyatti** (Stanton) Shimer and Blodgett
 American Jour. Sci., 4th ser. vol. 25, 1908, p. 66
 Formation: Cretaceous
 Location: Fort Benton, New Mexico
- **lævianus** (White) Logan
 Kan. Univ. Geol. Sur., vol. 4, 1898, p. 470, pl. CIII, figs. 3-4
 Formation: Cretaceous, Septaria horizon of Blue Hills shales
 Location: Saline river north of Hays City
- ? **lævianus** (White) Stanton
 U. S. Geol. Sur. Bull. 106, 1893, p. 178, pl. XLIII, figs. 3-4
 Formation: Cretaceous, Fort Benton shales ?
 Location: At Ojo de los Cuervas, New Mexico; Colorado ?
- **woolgari** (Mantell) Stanton
 U. S. Geol. Bull. 106, 1893, p. 174, pl. XLII, figs. 1-4
 Formation: Cretaceous, Fort Benton shales; Eagle Ford shales
 Location: Black Hills, South Dakota; Nebraska; New Mexico;
 eight miles north of Fort Lyon, Colorado; Texas
- **woolgari** (Mantell) Logan
 Kan. Univ. Geol. Sur., vol. 4, 1898, p. 466-68, pl. CII, figs. 1-4
 Formation: Cretaceous, Fort Benton limestone
- **woolgari** (Meek) Logan — **woolgari** (Mantell)
 Field Col. Mus. Geol. ser., vol. 1, No. 6, p. 211, 1899, pl. XXIV
 figs. 1-6
 Formation: Cretaceous
 Location: Benton, Kansas
- **woolgari** (Mantell) sp. Johnson
 School of Mines Quart., vol. 24, No. 2, 1903, p. 213, pl. XII, fig.
 31, a, b, c

- Formation: Cretaceous, Fort Benton age
 Location: Cerrillos, New Mexico
- **woolgari** (Mantell sp.) Johnson
 Columbia Univ. Contr. Geol. Dept., vol. X, No. 90, 1903, p. 141,
 pl. XII, fig. 31 a, b, c
 Formation: Cretaceous, Ft. Benton
 Location: Cerrillos, New Mexico
- **woolgari** (Mantell) Shimer and Blodgett
 Amer. Jour. Sci., 4th ser. vol. 25, 1908, p. 66
 Formation: Cretaceous, Fort Benton
 Location: New Mexico
- Proarcestes**—see **Arcestes**
- (**Mojsisovics**) Hyatt and Smith
 U. S. Geol. Sur. Prof. Paper 40, 1905, p. 74, no pl.
 Formation: Triassic
- Proclydonautilus** (**Mojsisovics**) Hyatt and Smith
 U. S. Geol. Sur. Prof. Paper 40, 1905, p. 205, no pl.
 Formation: Triassic
 Location: California
- (**Mojsisovics**) Smith
 Cal. Acad. Sci. Proc., 3rd ser., vol. 1, 1904, p. 401, no pl.
 Formation: Triassic
 Location: California
- **triadiscus** (**Mojsisovics**) Hyatt and Smith
 U. S. Geol. Sur. Prof. Paper 40, p. 206, pl. XLIX, figs. 1-3, pl. L,
 figs. 1-17
 Formation: Triassic
 Location: Shasta County, California
- **triadiscus** (**Mojsisovics**) Smith
 Cal. Acad. Sci. Proc., 3rd ser., vol. 1, 1904, p. 401, pl. XLVI, fig. 2;
 pl. XLVII, fig. 2
 Formation: Triassic, Karnic
 Location: California
- Proniceras** n. gen. Burckhardt
 Inst. Geol. de México, Bol. 33, 1919, p. 40
 Formation: Jurassic
- aff. **Aguilaræ** n. sp. Burckhardt
 Inst. Geol. de México, Bol. 33, 1919, p. 46, Lám. XV, figs. 13, 14, 16
 Formation: Jurassic
 Location: Torres, Mexico
- **Aguilaræ** n. sp. Burckhardt
 Inst. Geol. de México, Bol. 33, 1919, p. 45, Lám. XV, figs. 9, 11, 15
 Formation: Jurassic
 Location: Torres, Mexico
- **idoceroides**, n. sp. Burckhardt
 Inst. Geol. de México, Bol. 33, 1919, p. 42, Lám. XV, figs. 2, 4
 Formation: Jurassic
 Location: Torres, Mexico
- juv. sp. ind. Burckhardt
 Inst. Geol. de México, Bol. 33, 1919, p. 49, Lám. XVI, figs. 4-8,
 16-19, 23-25, 27, 33
 Formation: Jurassic

- Location: Torres, Mexico
- **neohispanicum** n. sp. Burckhardt
 Inst. Geol. de México, Bol. 33, 1919, p. 43, Lám. XV, figs. 1, 5-7
 Formation: Jurassic
 Location: Torres, Mexico
- **torresense** n. sp. Burckhardt
 Inst. Geol. de México, Bol. 33, 1919, p. 44, Lám. XV, figs. 8, 10, 12
 Formation: Jurassic
 Location: Torres, Mexico
- **Victoris** n. sp. Burckhardt
 Inst. Geol. de México, Bol. 33, 1919, p. 47, Lám. XVI, figs. 1-3
 Formation: Jurassic
 Location: Torres, Mexico
- Pronoritidae** Hyatt and Smith
 U. S. Geol. Sur. Prof. Paper 40, 1905, p. 108, no pl.
- Proptychites** (Waagen) Hyatt and Smith
 U. S. Geol. Sur. Prof. Paper 40, 1905, p. 84, no pl.
 Formation: Triassic
 Location: California
- **walcotti** n. sp. Hyatt and Smith
 U. S. Geol. Sur. Prof. Paper 40, 1905, p. 85, pl. XIX, figs. 1-7
 Formation: Triassic
 Location: California
- Prorsiceras** (Buckman) Reeside
 U. S. Geol. Sur. Prof. Paper 118, 1919, p. 14
- Prospingites** (Mojsisovics) Hyatt and Smith
 U. S. Geol. Sur. Prof. Paper 40, 1905, p. 72, no pl.
 Formation: Triassic
 Location: California
- **austini** n. sp. Hyatt and Smith
 U. S. Geol. Sur. Prof. Paper 40, 1905, p. 72, pl. VII, figs. 1-4
 Formation: Triassic
 Location: California
- Protengonoceras** ? **emarginatum** (Cragin) Hyatt
 U. S. Geol. Sur. Mon. 44, 1903, p. 157, no pl.
 Formation: Cretaceous, Walnut beds
 Location: Pleasant Point, Texas
- **gabbi** (Bohn) Hyatt
 U. S. Geol. Sur. Mon. 44, 1903, p. 153, pl. XXII, figs. 16-20
 Formation: Cretaceous, Fredericksburg group
 Location: Arivechi, Sonora, Mexico
- **Hyatt**
 U. S. Geol. Sur. Mon. 44, 1903, p. 153, no pl.
 Formation: Cretaceous
 Locality not given
- **planum** n. sp. Hyatt
 U. S. Geol. Sur. Mon. 44, 1905, p. 156, pl. XVIII, figs. 6-9
 Formation: Cretaceous
 Location: Texas
- Protobusycon**—see **Busycon**
- Protocardia** sp. aff. **multistriata** (Shumard) Adkins

- Univ. of Texas Bull. 1856, 1918, p. 126, pl. X figs. 21-26, 32
 Formation: Cretaceous, Weno
 Location: Denison and Gainesville, Texas
- *rara* (E. and S.) Johnson
 School of Mines Quart., Vol. 24, No. 2, 1903, p. 196
 (See Rept. U. S. Geol. Sur. Terr. vol. 9, p. 176)
 Formation: Cretaceous, Fort Pierre age
 Location: Achavica Arroyo, New Mexico
- *rara* (E. & S.) Johnson
 Columbia Univ. Contr. Geol. Dept., Vol. 10, No. 90, 1903, p. 124
 Formation: Cretaceous, Fort Pierre
 Location: Achavica Arroyo, New Mexico
- *scitula* (Meek) Whiteaves
 Geol. Sur. Can., Mesozoic Fossils, vol. 1, pt. 5, p. 382, 1903, no pl.
 Formation: Cretaceous
 Location: Yorke's farm, Nanaimo river, Vancouver Island
- *shumardi* (M. & H.) Stanton
 U. S. Geol. Sur. Mon. 32, pt. 2, 1899, p. 621, no pl.
 Formation: Jurassic, Ellis formation?
 Location: Yellowstone National Park
- *subsimile* n. sp. Whiteaves
 Can. Geol. Sur. Mesozoic Fossils, vol. 1, pt. 4, 1900, p. 290, no pl.
 Formation: Cretaceous
 Location: East end of Maud Island; South side of Alliford Bay
- sp. indt. Hill
 Wash. Biol. Soc. Proc., vol. 8, 1893, p. 29, no pl.
 Formation: Cretaceous, Glen Rose
 Location: Near Glen Rose, Texas
- sp. Ravn.
 Meddelelser om Grønland, vol. 45, 1911, p. 477
 Formation: Jurassic
 Location: "Kloft I," "4 Saenkning," Store Koldewey Island
- sp. Ravn
 Copenhagen Univ. Min. and Geol. Mus. Comm. Paléont. No. 10,
 1911, p. 477
 Formation: Jurassic
 Location: "Kloft I," "4 Saenkning," Store Koldewey Island
- *texana* (Conrad) Adkins and Winton
 Univ. of Texas Bull. 1945, 1919, p. 75, pl. XVIII, fig. 7
 Formation: Cretaceous, Goodland and Washita
 Location: North Texas
- Protocardium jerseyensis* n. sp. Weller
 Geol. Sur. N. J. Pal., vol. 4, 1907, p. 596, pl. LXV, fig. 21
 Formation: Cretaceous, Merchantville clay-marl
 Location: New Jersey
- *pendens* n. sp. Cragin
 Texas Geol. Sur., 4th Ann. Rept., 1893, p. 210, no pl.
 Formation: Cretaceous. Limestone of alternating beds
 Location: Hickory creek, Burnet county, Texas
- *stonei* n. sp. Cragin
 Texas Geol. Sur., 4th Ann. Rept., 1893, p. 210, no pl.
 Formation: Cretaceous, Comanche Peak; Alternating beds

- Location: Comanche Peak, Hood county, Texas
- **subspingerum** n. sp. Cragin
 Texas Geol. Sur., 4th Ann. Rept., 1893, p. 210, no pl.
 Formation: Cretaceous, Denton marl
 Location: On Red River, Cooke county, Texas
- Protrachyceras**—see **Trachyceras**
- (Mojsisovics) Hyatt and Smith
 U. S. Geol. Sur. Prof. Paper 40, 1905, p. 193, no pl.
 Formation: Triassic
- (Mojsisovics) Smith
 Cal. Acad. Sci. Proc., 3rd ser., vol. 1, 1904, p. 387, no pl.
 Formation: Triassic
- aff. **Richthofeni** (Mojs.) Kittl
 Second Norwegian Arctic Exped. in the Fram, Rept. No. 7, 1907,
 p. 39, Taf. III, figs. 10, 11
 Formation: Triassic
 Location: Ammonitenberg am Bärenkaplande
- cf. **Sverdrupi** Kittl
 Second Norwegian Arctic Exped. in the Fram, Rept. No. 7, 1907,
 p. 39, Taf. III, fig. 9
 Formation: Triassic
 Location: Ammonitenberg am Bärenkaplande
- cf. **Sverdrupi** n. f. Kittl
 Second Norwegian Arctic Exped. in the Fram, Rept. No. 7, 1907,
 p. 38, Taf. III, fig. 8
 Formation: Triassic
 Location: Ammonitenberg am Bärenkaplande
- Psammecrinus cingulatus** Clark
 U. S. Geol. Sur. Bull. 97, 1893, p. 55, pl. XX, figs. 1a-i
 Formation: Cretaceous
 Location: New Jersey
- **cingulatus** (Clark) Weller
 Geol. Sur. N. J. Pal., vol. 4, 1907, p. 288, pl. X, figs. 1-9
 Formation: Cretaceous, Vincentown limesand
 Location: Timber Creek New Jersey
- **cingulatus** (Clark) Clark and Twitchell
 U. S. Geol. Sur. Mon. 54, 1915, p. 63, pl. XXII, figs. 2a-i
 Formation: Cretaceous, Rancocas
 Location: Timber Creek New Jersey
- Pseudaspidoceras** aff. **footeanum** (Petrascheck) Böse
 Univ. of Texas Bull. 1856, 1918, p. 208, no pl.
 Formation: Turonian (Salmurian) Cretaceous
 Location: Mexico
- aff. **pedroanum** (White) Böse
 Univ. of Texas Bull. 1856, 1918, p. 209, pl. XIII, fig. 1; pl. XIV,
 fig. 1
 Formation: Turonian (Salmurian) Cretaceous
 Location: Mexico
- Pseudodiadema diatretum** (Morton) Clark
 U. S. Geol. Sur. Bull. 97, 1893, p. 46, pl. XIII, figs. 1a-f
 Formation: Cretaceous

- Location: New Jersey
- *diatretum* (Morton) Weller
 Geol. Sur. N. J. Pal., vol. 4, 1907, p. 285, pl. IX, figs. 1-6
 Formation: Cretaceous, Vincentown limesand
 Location: New Jersey
- *diatretum* (Morton) Clark and Twitchell
 U. S. Geol. Sur. Mon. 54, 1915, p. 56, pl. XIX, figs. 1a-f
 Formation: Cretaceous, Rancocas
 Location: Vincentown, Timber Creek, Gloucester, New Jersey
- *emersoni* Clark
 U. S. Geol. Sur. Bull. 97, 1893, p. 45, pl. XII, figs. 2a-e
 Formation: Jurassic
 Location: California
- *emersoni* (Clark) Clark and Twitchell
 U. S. Geol. Sur. Mon. 54, 1915, p. 32, pl. V, figs. 1a-e
 Formation: Jurassic, Monnon Sandstone
 Location: Plumas county, California
- *speciosum* (Clark) Weller
 Geol. Sur. N. J. Pal., vol. 4, 1907, p. 286, pl. IX, figs. 7-14
 Formation: Cretaceous, Vincentown limesand
 Location: New Jersey
- *texanum* (Roemer) Cragin
 Texas Geol. Sur., 4th Ann. Rept., 1893, p. 161, no pl.
 Formation: Cretaceous, Alternating beds
 Location: Travis, Burnet and other counties, Texas
- *texanum* (Roemer) Clark
 U. S. Geol. Sur. Bull. 97, 1893, p. 47, pl. XIII, figs. 2a-b; pl. XIV, figs. 1a-g
 Formation: Cretaceous
 Location: Texas
- *texanum* (Roemer) Clark and Twitchell
 U. S. Geol. Sur. Mon. 54, 1915, p. 55, pl. XVIII, figs. 1a-i
 Formation: Cretaceous, Comanche Peak, Glen Rose
 Location: Texas
- (*Diplopodia*) cfr. *variolare* (Brongniart) Böse
 Inst. Geol. de México, Bol. 25, 1910, p. 155, Lám. XXXIII, figs. 1-6; Lám. XXXIV, figs. 1, 2
 Formation: Lower Cenomanian
 Location: Cerro Muleros
- Pseudomelania* (Pictet and Campeche) Gardner
 Maryland Geol. Sur., U. Cret., 1916, p. 480, no pl.
- *goodellii* n. sp. Cragin
 U. S. Geol. Sur. Bull. 266, 1905, p. 95, pl. XXI, fig. 10
 Formation: Jurassic
 Location: Malone, Texas
- *monmouthensis* n. sp. Gardner
 Maryland Geol. Sur., U. Cret., 1916, p. 480, pl. XVI, fig. 10
 Formation: Cretaceous, Monmouth
 Location: Prince George's County, Maryland
- Pseudomonotis* (Beyrich) Smith

- Cal. Acad. Sci. Proc., 3rd ser., vol. 1, 1904, p. 406, no pl.
- *curta* (Hall)? Stanton
U. S. Geol. Sur., Mon. 32, pt. 2, 1899, p. 617, no pl.
Formation: Jurassic, Ellis
Location: Yellowstone National Park
- *curta* (Hall) Logan
Kans. Univ. Quart., vol. 9, 1900, p. 125, pl. XXX, fig. 5
Formation: Jurassic
Location: Wyoming, Freeze-out Hills
- sp. (aff. *Jacksoni* Pompeckj) Madsen
Meddelelser om Grønland, vol. 29, 1903, p. 174
Formation: Jurassic
Location: Neill's Cliffs, Greenland
- ? sp. Ravn
Meddelelser om Grønland, vol. 45, 1911, p. 454
Formation: Jurassic
Location: Vesterdalen at Danmarks Havn, Greenland
- ? sp. Ravn
Copenhagen Univ. Min. and Geol. Mus. Comm. Paleont., No. 10, 1911, p. 454
Formation: Jurassic
Location: Vesterdalen at Danmarks Havn, Greenland
- *subcircularis* (Gabb) Smith
Cal. Acad. Sci. Proc., 3rd ser., vol. 1, 1904, p. 407, pl. XLIX, figs. 1-3
Formation: Triassic, Noric
Location: Nevada, California
- Pseudocadoceras* (Buckman) Reeside
U. S. Geol. Sur. Prof. Paper 118, 1919, p. 14
- Pseudoperna* n. gen. Logan
Kans. Univ. Quart., vol. 8, 1899, p. 95, no pl.
- *attenuata* n. sp. Logan
Kans. Univ. Quart., vol. 8, 1899, p. 97, pl. XXIII, figs. 8, 9
Formation: Cretaceous, Niobrara, Rudistes beds
Location: Kansas
- *orbicularis* n. sp. Logan
Kan. Univ. Quart., vol. 8, 1899, p. 97, pl. XXIII, figs. 10, 11
Formation: Cretaceous
Location: Kansas
- *rugosa* n. sp. Logan
Kan. Univ. Quart., vol. 8, 1899, p. 96, pl. XXIII, figs. 1-5
Formation: Cretaceous, Niobrara, Rudistes beds
- *forta* n. sp. Logan
Kan. Univ. Quart., vol. 8, 1899, p. 96, pl. XXIII, figs. 6, 7
Formation: Cretaceous, Rudistes and Hesperornis beds
Location: Kansas
- *wilsoni* n. sp. Logan
Field Col. Mus. Geol. ser. vol. 1, No. 6, 1899, p. 215, pl. XXVI, figs. 4, 5
Formation: Cretaceous, Niobrara

- Location: Kansas
- Pseudophyllites Indra** (Forbes) sp. Whiteaves
 Geol. Sur. Can., Mesozoic Fossils, vol. 1, pt. 5, 1903, p. 331, no pl.
 Formation: Cretaceous
 Location: Hornby Island
- Pseudosageceras** (Diener) Hyatt and Smith
 U. S. Geol. Sur. Prof. Paper 40, 1905, p. 98, no pl.
 Formation: Triassic
 Location: California
- **intermontanum** n. sp. Hyatt and Smith
 U. S. Geol. Sur. Prof. Paper 40, 1905, p. 99, pl. IV, figs. 1-3
 pl. V, figs. 1-6; pl. LXIII, figs. 1, 2
 Formation: Triassic
 Location: California; Idaho
- Psilocochlis ? accidentalis** Stanton, n. sp. Stanton and Vaughan
 U. S. Geol. Sur. Prof. Paper 128A, 1920, p. 44, pl. VIII, figs. 15a, 15b
 Formation: Cretaceous, Cannonball
 Location: Cedar River near Pretty Rock N. Dak.
- Psiloma**—see **Liopistha**
- Pteria (Scopoli)** Gardner
 Maryland Geol. Sur., U. Cret., 1916, p. 548, no pl.
- **laripes** (Morton) Weller
 Geol. Sur. N. J. Pal. vol. 4, 1907, p. 431, pl. XLII, fig. 3
 Formation: Cretaceous
 Location: New Jersey
- **linguiformis** (E. and S.) Shimer and Blodgett
 Amer. Jour. Sci., 4th Ser. vol. 25, 1908, p. 62
 Formation: Cretaceous, Ft. Benton or Niobrara
 Location: New Mexico
- **linguiformis** (Evans and Shumard)
 U. S. Geol. Sur. Prof. Paper 128A, 1920, p. 24, pl. III, fig. 1
 Formation: Cretaceous, Cannonball
 Location: Morristown, S. Dak.; Mandan, N. Dak.
- **navicula** (Whitfield) Weller
 Geol. Sur. N. J. Pal., vol. 4, 1907, p. 432, pl. XLII, fig. 4
 Formation: Cretaceous, Woodbury clay, Red Bank sand
 Location: New Jersey
- **petrosa** (Conrad) Weller
 Geol. Sur. N. J. Pal., vol. 4, 1907, p. 429, pl. XLII, figs. 1, 2
 Formation: Cretaceous, Cliffwood clay, Wenonah sand
 Location: New Jersey; Colorado; South Dakota; Canada
- **petrosa** (Conrad) Meek, Gardner
 Maryland Geol. Sur., U. Cret., 1916, p. 548, pl. XXI, fig. 10
 Formation: Cretaceous, Monmouth, Magothy, Matawan, Black Creek, Ripley, Pierre Shales
 Location: Maryland; New Jersey; N. and S. Carolina; Mississippi; western interior
- **rhombica** n. sp. Gardner
 Maryland Geol. Sur., U. Cret., 1916, p. 549, pl. XXI fig. 11; pl. XXII, figs. 1, 3
 Formation: Cretaceous

- Location: Maryland
 — ? *salinensis* (White) Cragin
 Texas Geol. Sur., 4th Ann. Rept., 1893, p. 211, no pl.
 Formation: Cretaceous, Lower Cross Timber Sandstone
 Location: Walnut Creek, three and one-half miles east of Mansfield, Texas
- Pterocerebia tippiana* (Conrad) Weller
 Geol. Sur. N. J. Pal., vol. 4, 1907, p. 718, pl. LXXXIII, figs. 1, 2
 Formation: Cretaceous, Wenonah sand
 Location: New Jersey; Mississippi
- Ptiloteuthis* cf. *foliatus* (Gabb) Burwash
 Can. Roy. Soc. Proc. and Trans., 3rd ser., sec. 4, vol. 7, 1914, p. 80, pl. 1, fig. 1a, 1b
 Formation: Cretaceous
 Location: Alliford Bay, Queen Charlotte Islands
- Ptychitoidea* Hyatt and Smith
 U. S. Geol. Sur. Prof. Paper 40, 1905, p. 77, no pl.
- Ptychitidae* (Mojsisovics) Hyatt and Smith
 U. S. Geol. Sur. Prof. Paper 40, 1905, p. 77, no pl.
- Hyatt and Smith
 U. S. Geol. Sur. Prof. Paper 40, 1905, p. 81, no pl.
- Ptychites* (Mojsisovics) Hyatt and Smith
 U. S. Geol. Sur. Prof. Paper, 40, 1905, p. 86, no pl.
 Formation: Triassic
 Location: Nevada
- *evansi* n. sp. Smith
 U. S. Geol. Sur. Prof. Paper 83, p. 43, 1914, pl. XXI, figs. 3, 3a
 Formation: Triassic
 Location: West Humboldt range, Nevada
- *meeki* n. sp. Hyatt and Smith
 U. S. Geol. Sur. Prof. Paper 40, 1905, p. 87, pl. XXV, figs. 6-12
 Formation: Triassic
 Location: Nevada
- *meeki* (Hyatt and Smith) Smith
 U. S. Geol. Sur. Prof. Paper 83, 1914, p. 47, pl. VI, figs. 6-12
 Formation: Triassic
 Location: West Humboldt range, Nevada
- Ptychoceras*—see *Hamites*
- Ptychoceras* (*Solenoceras*) *annulifer* Whitfield
 Geol. Sur. N. J. vol. 2, 1892, p. 273, pl. XLV, figs. 6-8
 Formation: Cretaceous, Lower Green Marls
 Location: New Jersey
- (*Solenoceras*) *annulifer* Whitfield
 U. S. Geol. Sur. Mon. 18, 1892, p. 273, pl. XLV, figs. 6-8
 Formation: Cretaceous, Lower Green Marls
 Location: Deep cut of Chesapeake and Delaware Canal, Delaware
- near *crassum* Harris and Veatch
 Geol. Sur. La. Rep., 1899, p. 297, pl. LI, fig. 5
 Formation: Cretaceous
 Location: Rayburn's Salt Works, Bienville Parish, Louisiana
- Ptychomya ragsdalei* (Cragin) Shattuck
 U. S. Geol. Sur. Bull. 205, 1903, p. 24, pl. XII, XIII, fig. 1
 Formation: Cretaceous, Buda

- Location: Shoal Creek, Austin, Texas
- **stantoni** n. sp. Cragin
 U. S. Geol. Sur. Bull. 266, 1905, p. 69, pl. XII, figs. 4-6
 Formation: Jurassic
 Location: Malone, Texas
- Pugnellius** (Conrad) Gardner
 Maryland Geol. Sur. U. Cret., 1916, p. 467, no pl.
 Formation: Cretaceous
 Location: Maryland
- **densatus** (Conrad) Weller
 Geol. Sur. N. J. Pal. vol. 4, 1907, p. 720, pl. LXXXIII, fig. 6
 Formation: Cretaceous, Wenonah sand
 Location: New Jersey; Mississippi
- **densatus** (Conrad) Gardner
 Maryland Geol. Sur., U. Cret., 1916, p. 468, no pl.
 Formation: Cretaceous, Monmouth, Matawan, Ripley
 Location: Maryland; New Jersey; North and South Carolina; Alabama; Mississippi
- **fusiformis** (Meek) Stanton
 U. S. Geol. Sur. Bull. 106, 1893, p. 148, pl. XXXI, figs 7-11
 Formation: Cretaceous, Pugnellus Sandstone, Fort Benton group
 Location: Coalville, Utah; Colorado; Bear River City, Wyoming
- **fusiformis** (Meek) Herrick and Johnson
 Den. Univ. Sci. Lab. Bull., vol. 11, art. 9, 1900, p. 238, pl. XLIII, figs. 7-11 (no description)
 Formation: Cretaceous
 Location: New Mexico
- **goldmani** n. sp. Gardner
 Maryland Geol. Sur., U. Cret., 1916, p. 469, pl. XVII, figs. 5,6
 Formation: Cretaceous. Monmouth
 Location: Prince George's County, Maryland
- Pulchellia bentonianum** n. sp. Cragin
 Texas Geol. Sur., 4th Ann. Rept., 1893, p. 239, no pl.
 Formation: Cretaceous, Eagle Ford Shales
 Location: Hackberry creek, Dallas county, Texas
- **mexicana** n. sp. Aguilera
 Com. Geol. de México, Bol. 1, 1895, p. 35, Lám. VI, fig. 8; Lám. VII, fig. 1
 Formation: Jurassic
 Location: Mineral de Catorce, San Luis Potosi, Mexico
- Pulvinulina haueri** (d'Orbigny) sp. Woodward and Thomas
 Minn. Geol. and Nat. Hist. Sur., vol. 3, pt. 1, 1895, p. 44, pl. E, fig. 34
 Formation: Cretaceous
 Location: Minnesota
- **karsteni** (Reuss) Woodward
 New York Microscopical Soc. Journ., vol. 10, No. 4, 1894, p. 139
 Formation: Cretaceous
 Location: Timber Creek, New Jersey
- **karsteni** (Reuss) Bagg
 U. S. Geol. Sur. Bull. 88, 1898, p. 67, no pl
 Formation: Rancocas

- Location: New Jersey
- **karsteni** (Reuss) Weller
Geol. Sur. N. J. Pal., vol. 4, 1907, p. 263, pl. IV, figs. 30-32
Formation: Cretaceous, Vincentown limesand
Location: Vincentown, New Jersey
- **menardii** (d'Orbigny) sp. Woodward and Thomas
Minn. Geol. and Nat. Hist. Sur., Final Report, vol. 3, pt. 1, 1895,
p. 45, pl. E, fig. 33
Formation: Cretaceous
Location: Nebraska
- **miceliniana** (d'Orbigny) Woodward
New York Microscopical Soc. Journ., vol. 10, No. 4, 1894, p. 128
Formation: Cretaceous
Location: Timber Creek, New Jersey
- **miceliniana** (d'Orbigny) Baggs
U. S. Geol. Sur. Bull. 88, 1898, p. 68, no pl.
Formation: Rancocas
Location: New Jersey
- **miceliniana** (d'Orbigny) Weller
Geol. Sur. N. J. Pal. vol. 4, 1907, p. 264
Formation: Cretaceous, Horsetown marl
Location: New Jersey
- **reticulata** (Reuss) var. **carinata** (Baggs) Baggs
U. S. Geol. Bull. 88, 1898, p. 68, pl. V, figs. 3a-3b
Formation: Cretaceous, Monmouth
Location: New Jersey
- **reticulata** (Reuss) var. **carinata** (Baggs) Weller
Geol. Sur. N. J. Pal., vol. 4, 1907, p. 265, pl. IV, figs. 33-3
Formation: Cretaceous, Navesink marl
Location: Freehold, New Jersey
- Puzosia**—see **Desmoceras**
- Pycnodonta**—see **Gryphaea**
- (Fischer de Waldheim) Gardner
Maryland Geol. Sur. U. Cret., 1916, p. 572, no pl.
- Pygurus** sp. Clark and Twitchell
U. S. Geol. Sur. Mon. 54, p. 34, no pl.
Formation: Jurassic
Location: Malone Mountain, Texas
- **geometricus** (Morton) Clark and Twitchell
U. S. Geol. Sur. Mon. 54, 1916, p. 72, no pl.
Formation: Cretaceous, Matawan
Location: Delaware
- sp. Cragin
U. S. Geol. Sur. Bull. 266, 1905, p. 36, no pl.
Formation: Jurassic
Location: Malone, Texas
- Pyrgulifera humerosa** (Meek) White
U. S. Geol. Bull. 128, 1895, p. 55, pl. VII, fig. 1-11; pl. IX, figs. 4-8
Formation: Cretaceous, Bear River
- **meekii** n. sp. White
U. S. Nat. Mus. Proc., vol. 17, 1894, p. 135, pl. VIII, fig. 13

- Formation: Cretaceous, Dakota
 Location: Jefferson county, Nebraska
- *stantoni* n. sp. White
 U. S. Geol. Bull. 128, 1895, p. 57, pl. IX, figs. 1-3
 Formation: Cretaceous, Bear River
 Location: Wyoming
- Pyrrius* (Conrad) Whitfield
 Geol. Sur. N. J. vol. 2, 1892, p. 48, no pl.
- (Conrad) Gardner
 Maryland Geol. Sur., U. Cret., 1916, p. 456, no pl.
- Conrad
 U. S. Geol. Sur. Mon. 18, p. 48, 1892, no pl.
 Formation: Cretaceous
 Location: New Jersey
- *cuneus* n. sp. Whitfield
 U. S. Geol. Sur., Mon. 18, p. 51, pl. IV, figs. 9-11
 Formation: Cretaceous, Lower Green Marls
 Location: New Jersey
- *cuneus* n. sp. Whitfield
 Geol. Sur. N. J. vol. 2, 1892, p. 51, pl. IV, figs. 9-11
 Formation: Cretaceous, Lower Green Mahls
 Location: New Jersey
- *cuneus* (Whitfield) Gardner
 Maryland Geol. Sur., U. Cret., 1916, p. 460, no pl.
 Formation: Cretaceous, Monmouth
 Location: Maryland; New Jersey
- *elevata* (Whitfield) Gardner
 Maryland Geol. Sur., U. Cret., 1916, p. 462, no pl.
 Formation: Cretaceous, Monmouth
 Location: Maryland; New Jersey ?
- *erraticus* n. sp. Whitfield
 Geol. Sur. N. J., vol. 2, 1892, p. 50, pl. IV, figs. 4, 5
 Formation: Cretaceous, Lower Green Marls
 Location: New Jersey
- *erraticus* n. sp. Whitfield
 U. S. Geol. Sur. Mon. 18, 1892, p. 50, pl. IV, figs. 4, 5
 Formation: Cretaceous, Lower Green Marls
 Location: Cliffwood, New Jersey
- *erraticus* (Whitfield) Weller
 Geol. Sur. N. J. Pal., vol. 4, 1904, p. 736, pl. LXXXV, fig. 16
 Formation: Cretaceous, Cliffwood clay
 Location: New Jersey
- Pyrifusus* (Neptunella) *gracilis* Stanton, n. sp. Stanton and Vaughan
 U. S. Geol. Sur. Prof. Paper 128A, 1920, p. 41, pl. VIII, figs. 1a, b
 Formation: Cretaceous, Cannonball
 Location: Heart River, Mandon, N. Dakota; Leith, N. Dakota
- *hancocki* Stanton n. sp. Stanton and Vaughan
 U. S. Geol. Sur. Prof. Paper 128A, 1920, p. 42, pl. VIII, fig. 4
 Formation: Cretaceous, Cannonball
 Location: Heart River near Mandon, N. Dakota
- (immature) Gardner
 Maryland Geol. Sur., U. Cret., 1916, p. 463, pl. XVI, fig. 4

- Formation: Cretaceous, Monmouth
 Location: Prince George's County, Maryland
- **macfarlandi** n. sp. Whitfield
 Geol. Sur. N. J. vol. 2, 1892, p. 52, pl. IV, figs. 14-15
 Formation: Cretaceous, Lower Green Marls
 Location: New Jersey
- **macfarlandi** n. sp. Whitfield
 U. S. Geol. Sur. Mon. 18, 1892, p. 52, pl. IV, figs. 14-15
 Formation: Cretaceous, Lower Green Marls
 Location: Mullica Hill, New Jersey
- **macfarlandi** (Whitfield) Weller
 Geol. Sur. N. J. Pal. vol. 4, 1907, p. 735, pl. LXXXV, fig. 17
 Formation: Cretaceous, Navesink marl
 Location: New Jersey
- **marylandicus** n. sp. Gardner
 Maryland Geol. Sur., U. Cret., 1916, p. 457, pl. XVI, figs. 7-9
 Formation: Cretaceous, Monmouth
 Location: Maryland
- **meeki** n. sp. Whitfield
 Geol. Sur. N. J. vol. 2, 1892, p. 55, pl. IV, figs. 6, 7
 Formation: Cretaceous, Lower Green Marls
 Location: New Jersey
- **meeki** n. sp. Whitfield
 U. S. Geol. Sur., Mon. 18, 1892, p. 55, pl. IV, figs. 6, 7
 Formation: Cretaceous, Lower Green Marls
 Location: Crosswicks Creek, New Jersey
- **meeki** (Whitfield) Weller
 Geol. Sur. N. J. Pal., vol. 4, 1907, p. 732, pl. LXXXV, figs. 9-15
 Formation: Cretaceous, Navesink marl
 Location: New Jersey
- **mullicaensis** ? (Gabb) Whitfield
 U. S. Geol. Sur., Mon. 18, 1892, p. 52, pl. IV, figs. 16-19
 Formation: Cretaceous, Lower Green Marls
 Location: Mullica Hill, New Jersey
- **mullicaensis** ? (Gabb) Whitfield
 Geol. Sur. N. J., vol. 2, 1892, p. 52, pl. IV, figs. 16-19
 Formation: Cretaceous, Lower Green Marls
 Location: New Jersey
- **mullicaensis** ? (Gabb) Weller
 Geol. Sur. N. J. Pal., vol. 4, 1907, p. 733, pl. LXXXV, figs. 9-15
 Formation: Cretaceous, Navesink marl
 Location: New Jersey; Alabama
- **monmouthensis** n. sp. Gardner
 Maryland Geol. Sur., U. Cret., 1916, p. 459, pl. XVI, figs. 5, 6
 Formation: Cretaceous, Monmouth
 Location: Maryland
- (**Neptunella**) **newberryi** (M and H) Stanton and Vaughan
 U. S. Geol. Sur. Prof. Paper 128A, 1920, p. 40, pl. VII, figs. 8a, 8b
 Formation: Cretaceous
 Location: Moreau River, Fox Hills, S. Dakota; Mandan, N. Dakota
- **pyruloides** (Gabb) Whitfield
 U. S. Geol. Sur. Mon. 18, 1892, p. 53, pl. IV, figs. 12, 13

- Formation: Cretaceous, Lower Green Marls
 Location: Burlington County, New Jersey
- *pyruloides* (Gabb) Whitfield
 Geol. Sur. N. J., vol. 2, 1892, p. 53, pl. IV, figs. 12-13
 Formation: Cretaceous, Lower Green Marls
 Location: New Jersey
- *turritus* n. sp. Whitfield
 Geol. Sur. N. J., vol. 2, 1892, p. 54, pl. V, figs. 1-5
 Formation: Cretaceous, Lower Green Marls
 Location: New Jersey
- *turritus* n. sp. Whitfield
 U. S. Geol. Sur. Mon. 18, 1892, p. 54, pl. V, figs. 1-5
 Formation: Cretaceous, Lower Green Marls
 Location: Crosswicks, near Burlington and Middletown, New Jersey
- *vittatus* n. sp. Gardner
 Maryland Geol. Sur., U. Cret., 1916, p. 458, pl. XV, fig. 4
 Formation: Cretaceous, Monmouth
 Location: Maryland
- *whitfieldi* n. sp. Gardner
 Maryland Geol. Sur., U. Cret., 1916, p. 461, pl. XIV, fig. 5
 Formation: Cretaceous, Monmouth
 Location: Maryland
- Pyrina bulloides* n. sp. Cragin
 Texas Geol. Sur., 4th Ann. Rept., 1893, p. 162, no pl.
 Formation: Cretaceous, "Exogyra Texana beds"
 Location: Castle Mountains, Crane County, Texas
- *clarki* n. sp. Böse
 Inst. Geol. de México, Bol. 25, 1910, p. 163, Lám. XXXIX, figs. 3, 5-8; Lám. XL, figs. 1-3
 Formation: Lower Cenomanian
 Location: Cerro Muleros
- *inaudita* n. sp. Böse
 Inst. Geol. de México, Bol. 25, p. 162, 1910, Lám. XXXVIII, figs. 3-8; Lám. XXXIX, figs. 1, 2, 4
 Formation: Lower Cenomanian
 Location: Cerro Muleros
- *parryi* (Hall) Clark
 U. S. Geol. Sur. Bull. 97, 1893, p. 59, pl. XXIV, figs. 1a-k
 Formation: Cretaceous, Comanchean, Washita
 Location: Texas
- *parryi* (Hall) Cragin
 Texas Geol. Sur., 4th Ann. Rept., 1893, p. 162, no pl.
 Formation: Cretaceous, Fort Worth, limestone
 Location: 2 miles east of Georgetown, Texas; and 2 miles north of Castorville, Texas
- *parryi* (Hall) Clark and Twitchell
 U. S. Geol. Sur. Mon. 54, 1915, p. 67, pl. XXVII, figs. 1a-j
 Formation: Comanche, Fredericksburg, Washita
 Location: Texas
- Pyripora irregularis* (Gabb and Horn) Weller
 Geol. Sur. N. J. Pal., vol. 4, 1907, p. 337, pl. XXIV, fig. 5

- Formation: Cretaceous, Vincentown limesand
 Location: Vincentown, New Jersey
- Pyropsis** (Conrad) Gardner
 Maryland Geol. Sur., U. Cret., 1916, p. 444, no pl.
- **bairdi** (M. & H.) Herrick and Johnson
 Denison Univ. Sci. Lab. Bull. vol. 11, art. 9, 1900, p. 210, pl.
 XXXIII, fig. 9; pl. XXXIV, fig. 6
 Formation: Cretaceous, Sandstone above lignite
 Location: East of San Francisco; also at Carthage, New Mexico
- **coloradoensis** (Stanton) Logan
 Kan. Univ. Geol. Sur. vol. 4, 1898, p. 460, pl. C, figs. 6-8
 Formation: Cretaceous, Septaria horizon of Fort Benton
 Location: Kansas
- **coloradoensis** n. sp. Stanton
 U. S. Geol. Sur. Bull. 106, 1893, p. 154, pl. XXXII, figs. 6-8
 Formation: Cretaceous, Pugnellus Sandstone
 Location: On Williams Creek and in Poison Canyon, Huerfano
 Park, Colorado; and at Coalville, Utah
- (Conrad) Whitfield
 Geol. Sur. N. J., vol. 2, 1892, p. 34, no pl.
 Formation: Cretaceous
 Location: New Jersey
- (Conrad) Whitfield
 U. S. Geol. Sur. Mon. 18, p. 34, 1892, no pl.
 Formation: Cretaceous
 Location: New Jersey
- (**Rapa?**) **corrina** n. sp. Whitfield
 Geol. Sur. N. J., vol. 2, 1892, p. 45, pl. figs. 1-3
 Formation: Cretaceous, Lower Green Marls
 Location: New Jersey
- **corrina** n. sp. Whitfield
 U. S. Geol. Sur. Mon. 18, 1892, p. 45, pl. III, figs. 1-3
 Formation: Cretaceous, Lower Green Marls
 Location: Holmdel, New Jersey
- **elevata** (Gabb) Whitfield
 Geol. Sur. N. J., vol. 2, 1892, p. 35, pl. I, figs. 11-13
 Formation: Cretaceous, Lower Green Marls
 Location: New Jersey
- **elevata** (Gabb) Whitfield
 U. S. Geol. Sur. Mon. 18, 1892, p. 35, pl. I, figs. 11-13
 Formation: Cretaceous, Lower Green Marls
 Location: Burlington County, New Jersey
- **lenolensis** n. sp. Weller
 Geol. Sur. N. J. Pal. vol. 4, 1907, p. 752, pl. LXXXVIII, figs. 20-24
 Formation: Cretaceous, Merchantville clay-marl
 Location: New Jersey
- **lenolensis** (Weller) Gardner
 Maryland Geol. Sur. U. Cret., 1916, p. 453, pl. XVI, fig. 3
 Formation: Cretaceous, Matawan
 Location: Maryland; New Jersey
- **naticoides** n. sp. Whitfield
 Geol. Sur. N. J., vol. 2, 1892, p. 43, pl. II, figs. 5-7

- Formation: Cretaceous, Lower Green Marls
 Location: New Jersey
- *naticoides* n. sp. Whitfield
 U. S. Geol. Sur. Mon. 18, 1892, p. 43, pl. II, figs. 5-7
 Formation: Cretaceous, Lower Green Marls
 Location: Mullica Hill, New Jersey
- ? *obesa* n. sp. Whitfield
 Geol. Sur. N. J. vol. 2, 1892, p. 40, pl. III, figs. 12, 13
 Formation: Cretaceous, Lower Green Marls
 Location: New Jersey
- ? *obesa* n. sp. Whitfield
 U. S. Geol. Sur. Mon. 18, 1892, p. 40, pl. III, figs. 12, 13
 Formation: Cretaceous, Lower Green Marls
 Location: Mullica Hill, New Jersey
- ? *obesa* (Whitfield) Weller
 Geol. Sur. N. J. Pal. vol. 4, 1907, p. 748, pl. LXXXVIII, figs. 5-6
 Formation: Cretaceous, Navesink marl
 Location: New Jersey
- *octolirata* Whitfield
 Geol. Sur. N. J., vol. 2, 1892, p. 36, pl. II, figs. 8-10
 Formation: Cretaceous, Lower Green Marls
 Location: New Jersey
- *octolirata* Whitfield
 U. S. Geol. Sur. Mon. 18, 1892, p. 36, pl. II, figs. 8-10
 Formation: Cretaceous, Lower Green Marls
 Location: Upper Freehold, Walnford, near Middleton and Had-
- *octolirata* (Conrad) Weller
 Geol. Sur. N. J. Pal. vol. 4, 1917, p. 751, pl. LXXXVIII, figs. 17-18
 Formation: Cretaceous, Woodbury clay
 Location: New Jersey
 donfield, New Jersey
- *perlata* ? Whitfield
 Geol. Sur. N. J., vol. 2, 1892, p. 37, pl. I, figs. 8-10
 Formation: Cretaceous, Lower Green Marls
 Location: New Jersey
- *perlata* ? Whitfield
 U. S. Geol. Sur. Mon. 18, p. 37, pl. I, figs. 8-10
 Formation: Cretaceous, Lower Green Marls
 Location: Upper Freehold, New Jersey
- *perlata* (Conrad) Gardner
 Maryland Geol. Sur., U. Cret., 1916, p. 445, no pl.
 Formation: Cretaceous, Matawan, Ripley
 Location: Mississippi; Delaware; Maryland
- *planimarginata* (Whitfield) Weller
 Geol. Sur. N. J. Pal., vol. 4, 1907, p. 745, pl. LXXXVI, figs. 11-14
 Formation: Cretaceous, Navesink marl
 Location: New Jersey
- *pyruloidea* (Gabb)
 Geol. Sur. N. J. Pal., vol. 4, 1907, p. 742, pl. LXXXVI, figs. 6, 7
 Formation: Cretaceous, Navesink marl
- *reileyi* n. sp. Whitfield
 U. S. Geol. Sur. Mon. 18, 1892, p. 42, pl. II, figs. 11-20

- Formation: Cretaceous, Lower Green Marls
Location: Holmdel, New Jersey
- **reileyi** n. sp. Whitfield
Geol. Sur. N. J., vol. 2, 1892, p. 42, pl. II, figs. 11-20
Formation: Cretaceous, Lower Green Marls
Location: New Jersey
- **reileyi** (Whitfield) Gardner
Maryland Geol. Sur., U. Cret., 1916, p. 448, no pl.
Formation: Cretaceous, Monmouth
Location: Maryland; New Jersey
- **retifer** (Gabb) Whitfield
Geol. Sur. N. J., vol. 2, 1892, p. 38, pl. II, figs. 1-4
Formation: Cretaceous, Lower Green Marls
Location: New Jersey
- **retifer** (Gabb) Whitfield
U. S. Geol. Sur. Mon. 18, 1892, p. 38, pl. II, figs. 1-4
Formation: Cretaceous, Lower Green Marls
Location: Walnford, and near Middleton, New Jersey
- **retifer** (Gabb) Weller
Geol. Sur. N. J. Pal., vol. 4, 1907, p. 749, pl. LXXXVIII, figs. 7-13
Formation: Cretaceous, Wenonah sand, Navesink marl
Location: New Jersey
- **retifer** (Gabb) (Whitfield) Gardner
Maryland Geol. Sur., U. Cret., 1916, p. 452, pl. XV, figs. 9, 10
Formation: Cretaceous, Monmouth, Matawan
Location: Maryland; New Jersey
- **richardsonii** ? Whitfield
Geol. Sur. N. J., vol. 2, 1892, p. 39, pl. I, figs. 14-16
Formation: Cretaceous, Lower Green Marls
Location: New Jersey
- **richardsonii** ? (Toumey) Whitfield
U. S. Geol. Sur. Mon. 18, 1892, p. 39, pl. I, figs. 14-16
Formation: Cretaceous, Lower Green Marls
Location: Freehold, Crosswick's Creek, Neversink Hills, and near Freeport, New Jersey
- **richardsonii** (Toumey ?) Weller
Geol. Sur. N. J. Pal., vol. 4, 1907, p. 739, pl. LXXXVI, figs. 2-5
Formation: Cretaceous, Merchantville clay marl, Navesink marl
Location: New Jersey; Alabama; Georgia; Mississippi
- (**Rapa** ?) **septemlirata** (Gabb) Whitfield
Geol. Sur. N. J., vol. 2, 1892, p. 44, pl. III, figs. 4-8
Formation: Cretaceous, Lower Green Marls
Location: New Jersey
- (**Rapa** ?) **septemlirata** (Gabb) Whitfield
U. S. Geol. Sur. Mon. 18, 1892, p. 44, pl. III, figs. 4-8
Formation: Cretaceous, Lower Green Marls
Location: Mullica Hill and Holmdel, New Jersey
- **septemlirata** (Gabb) Weller
Geol. Sur. N. J. Pal., vol. 4, 1907, p. 744, pl. LXXXVI, figs. 8-10;
pl. LXXXVIII, figs. 1-4
Formation: Cretaceous, Navesink marl
Location: New Jersey
- **septemlirata** (Gabb) Gardner

- Maryland Geol. Sur., U. Cret., 1916, p. 449, no pl.
 Formation: Cretaceous, Monmouth
 Location: Maryland; New Jersey
- *trochiformis* ? (Toumey) Whitfield
 U. S. Geol. Sur. Mon. 48, 1892, p. 41, pl. I, figs. 4-7
 Formation: Cretaceous, Lower Green Marls
 Location: New Jersey
- *trochiformis* ? (Toumey) Whitfield
 Geol. Sur. N. J., vol. 2, 1892, p. 41, pl. I, figs. 4-7
 Formation: Cretaceous, Lower Green Marls
 Location: New Jersey
- *trochiformis* (Toumey) Weller
 Geol. Sur. N. J. Pal., vol. 4, 1907, p. 746, pl. LXXXVII, figs. 1-11
 Formation: Cretaceous: Marshalitown clay-marl, Navesink marl
 Tinton beds
 Location: New Jersey; Alabama; Mississippi
- *torchiformis* (Toumey) (Gabb) Gardner
 Maryland Geol. Sur., U. Cret., 1916, p. 446, pl. XVI, figs. 1, 2
 Formation: Cretaceous, Matawan, Monmouth
 Location: Maryland; New Jersey
- *whitfieldi* n. sp. Weller
 Geol. Sur. N. J., Pal. vol. 4, 1907, p. 750, pl. LXXXVIII, figs. 14-16
 Formation: Cretaceous, Navesink marl
 Location: New Jersey; Alabama
- *whitfieldi* (Weller) Gaerdner
 Maryland Geol. Sur., U. Cret., 1916, p. 451, no pl.
 Formation: Cretaceous, Monmouth
 Location: Maryland; New Jersey
- Pyrula precedens* (Whitfield) Weller
 Geol. Sur. N. J. Pal. vol. 4, 1907, p. 724, pl. LXXXIV, figs. 3, 4
 Formation: Cretaceous, Navesink marl
 Location: Holmdel, New Jersey
- Quadrates* (Agassiz) Packard
 Example: *Trigonia daedalea* Parkinson. Oregon Univ. Pub., vol. 1,
 No. 9, 1921, p. 19, pl. I, fig. 1
 Formation: Cretaceous
- Quenstedtia planulata* n. sp. Whitfield and Harvey
 Bull. Amer. Mus. Nat. Hist., vol. 22, 1906, p. 397, pl. XLVIII,
 fig. 11
 Formation: Jurassic
 Location: Black Hills
- Quenstedticeras collieri* n. sp. Reeside
 U. S. Geol. Sur. Prof. Paper No. 118, 1919, p. 14, pl. I, figs. 1-8
 Formation: Jurassic, Ellis formation
 Location: Blaines County, Montana
- ? *hoveyi* n. sp. Reeside
 U. S. Geol. Sur. Prof. Paper No. 118, 1919, p. 15, pl. I, figs. 9-14;
 pl. II, fig. 1
 Formation: Jurassic, Sundance formation
 Location: Bear Lodge Mts., Wyoming
- (?) p. Ravn

- Meddelelser om Gronland, vol. 45, 1911, p. 488, pl. XXXVI
 Formation: Jurassic
 Location: Traekpasset on Store Koldewey Island, Greenland
- (?) *sp. Ravn*
 Copenhagen Univ. Min. Geol. Mus. Comm. Paleont. No. 10, 1911,
 p. 488, pl. XXXVI, fig. 4
 Formation: Jurassic
 Location: Traekpasset on Store Koldewey Island, Greenland
- (?) *subtumidum* (Whitfield & Hovey) Reeside
 U. S. Geol. Sur. Prof. Paper No. 118, 1919, p. 16, pl. IV, figs. 1-4
 Formation: Jurassic, Sundance Formation
 Location: Belle Fourche River, Cook county, Wyoming
- (?) *suspectum* n. sp. Reeside
 U. S. Geol. Sur. Prof. Paper No. 118, 1919, p. 16, pl. II, figs. 2-4;
 pl. III; pl. IV, figs. 5-7; pl. V, figs. 1-2
 Formation: Jurassic, Sundance formation
 Location: Aurora (Ridge), Wyoming
- ? *tumidum* n. sp. Reeside
 U. S. Geol. Sur. Prof. Paper No. 118, 1919, p. 17, pl. IV, figs. 8-10;
 pl. V, figs. 2-4
 Formation: Jurassic, Sundance formation
 Location: Red Canyon, south of Mathias Peak, S. Dakota
- Radiolaria** (Muller) Woodward and Thomas
 Minn. Geol and Nat. Hist. Sur., vol. 3, pt. 1, 1895, p. 50, pl. E,
 figs. 3-9
 Formation: Cretaceous
 Location: Shale near Rainy Lake, Northeast Minnesota
- Radiolites** (Lamarck) Stearns
 Science, new ser., vol. 12, 1900, pp. 247-250, no pl.
 Formation: Cretaceous
 Location: California
- *adhærens* n. sp. Whitfield
 Amer. Mus. Nat. Hist. Bull., vol. 9, 1897, p. 188, pls. X, XI, XII
 Formation: Cretaceous
 Location: Jamaica, West Indies
- *annulosus* n. sp. Whitfield
 Amer. Mus. Nat. Hist. Bull., vol. 9, 1892, p. 191, pl. XIV, fig. 3
 Formation: Cretaceous
 Location: Jamaica, West Indies
- *austinensis* (Roem.) Boese
 Inst. Geol. de México, Bol. 24, 1906, p. 57, Lám. XI, fig. 1; Lám.
 XIII, fig. 8; Lám. XIV, fig. 1
 Formation: Cretaceous, Lower Cenomanian
 Location: On the San Luis Potosi to Tampico railway, Mexico
- *cancellatus* n. sp. Whitfield
 Amer. Mus. Nat. Hist. Bull., vol. 9, 1897, p. 190, pls. XII, XIII
 Formation: Cretaceous
 Location: Jamaica, West Indies
- *davidsoni* n. sp. Hill
 Wash. Biol. Soc. Proc., vol. 8, 1893, p. 106, pl. XIII
 Formation: Cretaceous, Caprina limestone
 Location: Texas

- **Davidsoni** (Hill) Douville
Bull. Soc. de France, 3ser., No. 28, 1900, p. 218, figs. 13-15
Formation: Cretaceous, Edwards limestone
Location: Texas
- **macroplicatus** n. sp. Whitfield
Amer. Mus. Nat. Hist. Bull., vol. 9, 1897, p. 190, pls. XII, XIII
Formation: Cretaceous
Location: Jamaica, West Indies
- **maximus** n. sp. Logan
Kan. Univ. Geol. Sur., vol. 4, 1898, p. 494, pl. CXV; pl. CXIX, fig. 1
Formation: Cretaceous, base of Ornithostoma beds
Location: Trego, Gove and Ellis county, Kansas
- Radiolites (Lapeirousia) nicholasi** n. sp. Whitfield
Amer. Mus. Nat. Hist. Bull., vol. 9, 1897, p. 186, pls. VI-IX
Formation: Cretaceous
Location: Jamaica, West Indies
- **rudis** n. sp. Whitfield
Amer. Mus. Nat. Hist. Bull., vol. 9, 1897, p. 189, pl. XI, fig. 1
Formation: Cretaceous
Location: Jamaica, West Indies
- sp. ? Stanton
U. S. Geol. Sur., Bull. 106, 1893, p. 96, no pl.
Formation: Cretaceous, Niobrara
Location: Colorado
- Rangia ? tenuidens** (Whitfield) Weller
Geol. Sur. N. J. Pal., vol. 4, 1907, p. 635, pl. LXXIII, figs. 6-8
Formation: Cretaceous, Raritan clay
Location: New Jersey
- Rapa** — see **Pyropsis**
- Rapana stantoni** n. sp. Weller
Geol. Sur. N. J. Pal., vol. 4, 1907, p. 754, pl. LXXXIX, figs. 1-3
Formation: Cretaceous, Marshalltown clay-marl
Location: New Jersey; Texas
- Remondia** (Gabb) Stanton (Type: **Rem. furcata** Gabb)
U. S. Nat. Mus. Proc., vol. 19, No. 1109, 1897, p. 301, pl. XXVI, figs. 1-5
Formation: Cretaceous, Comanche Peak limestone
Location: State of Sonora, Mexico
- ? **acuminata** (Cragin) Adkins
Univ. of Texas Bull. No. 1856, 1918, p. 136, pl. VI, fig. 1
Formation: Cretaceous, Weno
Location: Fort Worth, Texas
- ? **acuminata** (Cragin) Adkins and Winton
Univ. of Texas Bull. 1945, 1919, p. 74, pl. XIX, figs. 13-15
Formation: Cretaceous, Weno
Location: North Texas
- **ferrissi** (Cragin) Cragin
Amer. Geol., vol. 14, 1894, p. 5, pl. I, fig. 1 on p. 1
- **robbinsi** (White) Stanton
U. S. Nat. Mus. Proc., vol. 19, No. 1109, 1897, p. 301, pl. XXVI, figs. 6, 7, 8 (no description)
Formation: Cretaceous, Comanchean
Location: Fort Worth, Texas

Formation: Cretaceous, Neocomian

Location: Belvidere, Kansas

— *robbinsi* (White) Whitney

Tex. Acad. Sci. Trans., vol. 12, 1913, p. 17, pl. VII, fig. 7

Formation: Cretaceous, Buda limestone

Location: Shoal creek, Austin, Texas

— *robbinsi* (White) Whitney

Univ. of Texas Bull. 184, 1911, p. 17, pl. VII, fig. 7

Formation: Cretaceous, Buda

Location: Shoal Creek, Austin

Reniera ? Merrill

Harv. Coll. Mus. Comp. Zool. Bull., vol. 28, No. 1, 1896, p. 12,
figs. 3, 4

Formation: Cretaceous flint

Location: Texas

— ? sp. Merrill

Harv. Coll. Mus. Comp. Zool. Bull., vol. 28, No. 1, 1896, p. 14,
fig. 10

Formation: Cretaceous flint

Location: Texas

— ? sp. Merrill

Harv. Coll. Mus. Comp. Zool. Bull., vol. 28, No. 1, 1896, p. 14,
fig. 36

Formation: Cretaceous flint

Location: Texas

Reptescharellina proliferus (Gabb and Horn) Weller

Geol. Sur. N. J. Pal., vol. 4, 1907, p. 346, pl. XXV, fig. 2

Location: Mullica Hill, New Jersey

Reptomulticava cepularis (Gabb and Horn) Weller

Geol. Sur. N. J. Pal., vol. 4, 1907, p. 340, no pl.

Formation: Cretaceous, Vincentown limesand

Location: Timber creek, New Jersey

Reptoporina carinata (Gabb and Horn) Weller

Geol. Sur. N. J. Pal., vol. 4, 1907, p. 345, no pl.

Formation: Cretaceous, Vincentown limesand

Location: Timber Creek, New Jersey

Requienia texana ? (Roemer) Hill

Wash. Biol. Soc. Proc., vol. 8, 1893, p. 28, no pl.

Formation: Cretaceous, Glen Rose beds

Location: Texas

Retelea ovalis (Gabb and Horn) Weller

Geol. Sur. N. J. Pal., vol. 4, 1907, p. 328, pl. XXII, figs. 3, 4

Formation: Cretaceous, Vincentown limesand

Location: New Jersey

Reticulipora dichotoma (Gabb and Horn) Weller

Geol. Sur. N. J. Pal., vol. 4, 1907, p. 318, pl. XXI, figs. 5-14

Formation: Cretaceous, Vincentown limesand

Location: Vincentown, New Jersey

— *sagena* (Gabb and Horn) Weller

Geol. Sur. N. J. Pal., vol. 4, 1907, p. 319, pl. XXI, figs. 15-18

Formation: Cretaceous, Vincentown limesand

Location: Timber Creek, New Jersey

- Rhabdoceras** (Hauer) Hyatt and Smith
 U. S. Geol. Sur. Prof. Paper 40, 1905, p. 202, no pl.
 Formation: Triassic
- **russelli** (Hyatt) Hyatt and Smith
 U. S. Geol. Sur. Prof. Paper 40, 1905, p. 203, pl. XLVII, figs. 13-15; pl. LVI, fig. 26
 Formation: Triassic
 Location: Near Lovelock, Nevada
- Rhabdogonium roemeri** (Reuss) Baggs
 U. S. Geol. Sur. Bull. 88, 1898, p. 51, no pl.
 Formation: Cretaceous, Matawan
 Location: New Jersey
- **roemeri** (Reuss) Weller
 Geol. Sur. N. J. Pal., vol. 4, 1907, p. 231, no pl.
 Formation: Cretaceous, Navesink marl
 Location: Freehold, New Jersey
- **tricarinatum** (d'Orbigny) Baggs
 U. S. Geol. Sur. Bull. 88, 1898, p. 51, no pl.
 Formation: Cretaceous to Recent, Rancocas
 Location: New Jersey
- **tricarinatum** (d'Orbigny) Weller
 Geol. Sur. N. J. Pal., vol. 4, 1907, p. 232, pl. II, figs. 31, 32
 Formation: Cretaceous, Vincentown limesand
 Location: Brownsville, New Jersey
- **tricarinatum** var. **acutangulum** (Reuss) Baggs
 U. S. Geol. Sur. Bull. 88, 1898, p. 51, no pl.
 Formation: Cretaceous, Matawan
 Location: New Jersey
- **tricarinatum** var. **acutangulum** (Reuss) Weller
 Geol. Sur. N. J. Pal., vol. 4, 1907, p. 232, no pl.
 Formation: Cretaceous, Marshalltown clay-marl
 Location: Marshalltown, New Jersey
- Rhacophyllites** (?) **Alamitosensis** n. sp. Aguilera
 Com. Geol. de México, Bol. 1, 1895, p. 15, Lám. XIII, fig. 2
 Formation: Jurassic
 Location: Mineral de Catorce, San Luis Potosi, Mexico
- **calderoni** n. sp. Aguilera
 Com. Geol. de México, Bol. 1, 1895, p. 13, Lám. IX, fig. 3
 Formation: Jurassic
 Location: Mexico
- (?) **disputabile** n. sp. Aguilera
 Com. Geol. de México, Bol. 1, 1895, p. 14, Lám. XIV
 Formation: Jurassic
 Location: Sierra y Mineral de Catorce, Mexico
- Rhizocrinus alabamensis** (DeLoriol) Clark and Twitchell
 U. S. Geol. Sur. Mon. 54, 1915, p. 39, pl. VII, figs. 4a-c
 Formation: Cretaceous, Ripley
 Location: Livingston, Alabama
- **cylindricus** (Weller) Clark and Twitchell

- U. S. Geol. Sur. Mon. 54, 1915, p. 40, pl. VII, figs. 5a-g
 Formation: Cretaceous, Rancocas
 Location: Vincentown, New Jersey
- *cylindricus* n. sp. Weller
 Geol. Sur. N. J. Pal., vol. 4, 1907, p. 275, pl. VI, fig. 1
 Formation: Cretaceous, Vincentown limestone
 Location: Vincentown, New Jersey
- Rhynchonella* Herrick and Johnson
 Denison Univ. Sci. Lab. Bull., vol. 11, art. 9, 1900, pl. XLVII,
 fig. 6 (no description)
 Formation: Cretaceous
 Location: Lake Valley and Burlington, New Mexico
- *aequiplicata* (Gabb) Smith^{*}
 U. S. Geol. Sur. Prof. Paper 83, 1914, p. 146, pl. XCIV, figs. 9-11
 Formation: Triassic
 Location: Cinnabar district, East Range, Mexico
- *alteplecta* (Böek) Smith
 U. S. Geol. Sur. Prof. Paper 83, 1914, p. 146, pl. XCIV, figs. 15, 16
 Formation: Triassic
 Location: Desatoya Mountains, Nevada
- *densleonis* n. sp. Anderson^{*}
 Proc. Cal. Acad. Sci., 3rd ser. Geol., vol. 2, No. 1, 1902, p. 72,
 pl. VII, figs. 157, 158
 Formation: Cretaceous, Horsetown
 Location: California
- *gnathopora* (Meek) Stanton
 U. S. Geol. Sur. Mon. 32, pt. 2, 1899, p. 609, pl. LXXII, figs. 1-4
 Formation: Jurassic, Ellis
 Location: Yellowstone National Park
- *lacunosa* var. *arolica* (Oppel.) Aguilera
 Com. Geol. de México, Bol. 1, 1895, p. 1, Lám. I, figs. 1-25; Lám.
 II, figs. 1, 2
 Formation: Jurassic
 Location: Sierra de Catorce, Mexico
- *lingulata* (Gabb) Smith
 U. S. Geol. Sur. Prof. Paper 83, 1914, p. 147, pl. XCIV, figs. 6-8
 Formation: Triassic
 Location: West Humboldt Range, Nevada
- *magnicostata* n. sp. Burwash
 Can. Roy. Soc. Proc. and Trans., ser. B, vol. 7, Sec. IV, 1914,
 p. 89, pl. III, fig. 9, a, b, c
 Formation: Cretaceous
 Location: Queen Charlotte Islands
- *myrina* (Hall and Whitfield) Stanton
 U. S. Geol. Sur. Mon. 32, pt. 2, 1899, p. 609, no pl.
 Formation: Jurassic, Ellis
 Location: Yellowstone National Park
- *non-sinuata* cf. *R. oplicatilis* n. sp. (Sowerby) Burwash
 Can. Roy. Soc. Proc. and Trans., ser. 3, vol. 7, sec. IV, 1914, p. 88,
 pl. III, figs. 8a, b

- Formation: Cretaceous
Location: Queen Charlotte Islands
- *obesula* n. sp. Whiteaves
Geol. Sur. Can., Mesozoic Fossils, vol. 1, pt. 4, 1900, p. 302, pl. XXXIX, figs. 3, 3a, 4
Formation: Cretaceous
Location: East end of Maud Island
- *orthidioides* n. sp. Whiteaves
Geol. Sur. Can., Mesozoic Fossils, vol. 1, pt. 4, 1900, p. 303, pl. XXXIX, fig. 5
Formation: Cretaceous
Location: East end of Maud Island
- *schucherti* n. sp. Stanton
U. S. Geol. Sur. Bull. 133, 1895, p. 31, pl. I, figs. 1-4
Formation: Cretaceous, Knoxville beds.
Location: Paskenta, California.
- sp. ? Hyatt
Geol. Soc. Amer. Bull., vol. 5, 1894, p. 420, no pl.
Formation: Lower Jurassic (upper Lias)
Location: Beaver Creek, Blue mountains, Oregon.
- sp. Lundgren.
Meddelelser om Grönland, vol. 19, 1895, p. 194, pl. III, fig. 3a,b,c.
Formation: Jurassic.
Location: Kap Stewart, East Greenland.
- sp. Lundgren.
Meddelelser om Grönland, vol. 19, 1895, p. 194, pl. III, fig. 2.
Formation: Jurassic
Location: Kap Stewart, east Greenland.
- sp. Lundgren.
Meddelelser om Grönland, vol. 19, 1895, p. 195.
Formation: Jurassic.
Location: Kap Stewart, east Greenland.
- sp. Madsen.
Meddelelser om Grönland, vol. 29, 1903, p. 173.
Formation: Jurassic
Location: Vardekløft, Greenland.
- sp. Ravn.
Meddelelser om Grönland, vol. 45, 1911, p. 453.
Formation: Jurassic
Location: "Kløft I" on Store Koldewey Island, Greenland.
- sp. Ravn.
Copenhagen Univ. Min. and Geol. Mus. Comm. Paleont. No. 10, 1911, p. 453.
Formation: Jurassic
Location: "Kløft I," Store Koldewey Island.
- *suciensis* n. sp. Whiteaves.
Can. Roy. Soc. Proc. and Trans. 2d ser., vol. 1, sec. 4, 1895, p. 119, pl. III, fig. 1.
Formation: Cretaceous.
Location: Sucia Island

- *suciensis* Whiteaves.
 Geol. Sur. Can., Mesozoic Fossils, vol. 1, pt. 5, 1903, p. 402, pl. LI, figs. 3, 3a, 4.
 Formation: Cretaceous.
 Location: Breman Creek; Departure Bay, Nanaimo, Vancouver Island; Tucker Bay; Lasqueti Island.
- *undulata* n. sp. Burwash
 Can. Roy. Soc. Proc. and Trans. Ser. 3, vol. 7, Sec. IV, 1914, p. 87, pl. III, figs. 7a, b, c
 Formation: Cretaceous
 Location: Queen Charlotte Islands
- *whiteana* Anderson
 Proc. Cal. Acad. Sci. 3d ser. Geol., vol. 2, No. 1, 1902, p. 72, pl. VII, figs. 160, 161
 Formation: Cretaceous, Horsetown
 Location: California
- *whitneyi* (Gabb) Stanton
 U. S. Geol. Sur. Bull. 133, 1895, p. 32, pl. I, figs. 5-10
 Formation: Cretaceous, Knoxville beds
 Location: Napa County, California
- sp. Stanton.
 U. S. Geol. Sur. Bull. 133, 1895, p. 53, no pl.
 Formation: Cretaceous, Knoxville beds
 Location: California
- Rhynchopterus obesus** (Gabb) Smith
 U. S. Geol. Sur. Prof. Paper 83, 1914, p. 145, pl. XVI, figs. 16, 17
 Formation: Triassic
 Location: West Humboldt Range; Desatoya mountains, Nevada
- ? *glaber* (Whiteaves) Stanton and Hatcher
 U. S. Geol. Sur. Bull. 257, 1905, p. 117, no pl.
 Formation: Cretaceous, Judith River beds
 Location: Montana
- *meekii* White
 U. S. Geol. Sur. Bull. 128, 1895, p. 43, pl. V, figs. 6, 7.
 Formation: Cretaceous, Bear River
 Location: Idaho; Wyoming
- *priscus* (Meek) White
 U. S. Geol. Sur. Bull. 128, 1895, p. 43, pl. V, figs. 4, 5
 Formation: Cretaceous, Bear River
- Ricinula**—see **Sistrum**
- Ringicula** (Deshayes) Gardner
 Maryland Geol. Sur., U. Cret., 1916, p. 400, no pl.
 Formation: Cretaceous
 Location: Maryland
- *clarki* n. sp. Gardner
 Maryland Geol. Sur., U. Cret., 1916, p. 400, pl. XVIII, figs. 1, 2
 Formation: Cretaceous, Monmouth
 Location: Maryland, etc.
- *dubia* Stanton, n. sp. Stanton and Vaughan
 U. S. Geol. Sur. Prof. Paper 128A, 1920, p. 47, pl. IX, figs. 9a, b
 Formation: Cretaceous, Cannonball

Location: Heart River near Almont, N. Dakota; Heart River near Mandan, N. Dakota; near Flashee, N. Dakota; near Strain, N. Dakota

Rostellaria compacta n. sp. Whitfield

Geol. Sur. N. J., vol. 2, 1892, p. 108, pl. XIII, figs. 18-21

Formation: Cretaceous, Lower Green Marls

Location: New Jersey

— **compacta** n. sp. Whitfield

U. S. Geol. Sur., Mon. 18, 1892, p. 108, pl. XIII, figs. 18-21

Formation: Cretaceous, Lower Green Marls

Location: Crosswicks and Mullica Hill, New Jersey

— **curta** n. sp. Whitfield

Geol. Sur. N. J., vol. 2, 1892, p. 109, pl. XIII, figs. 9-13

Formation: Cretaceous, Lower Green Marls

Location: New Jersey

— **curta** n. sp. Whitfield

U. S. Geol. Sur., Mon. 18, 1892, p. 109, pl. XIII, figs. 9-13

Formation: Cretaceous, Lower Green Marls

Location: Crosswicks Creek, New Jersey

— **curta** (Whitfield) Weller

Geol. Sur. of N. J. Pal., vol. 4, 1907, p. 721, pl. LXXXIII, figs. 9-13

Formation: Cretaceous, Navesink Marl

Location: New Jersey

— **fusiformis** n. sp. Whitfield

Geol. Sur. N. J., vol. 2, 1892, p. 110, pl. XIII, figs. 14, 15

Formation: Cretaceous, Lower Green Marls

Location: New Jersey

— **fusiformis** n. sp. Whitfield

U. S. Geol. Sur. Mon. 18, 1892, p. 110, pl. XIII, figs. 14, 15

Formation: Cretaceous, Lower Green Marls

Location: Crosswicks Creek, near New Egypt, New Jersey

— **fusiformis** (Whitfield) Weller

Geol. Sur. of N. J. Pal., vol. 4, 1907, p. 722, pl. LXXXIII, figs. 16, 17

Formation: Cretaceous, Navesink marl

Location: New Jersey

— **hebe** n. sp. Whitfield

Geol. Sur. N. J., vol. 2, 1892, p. 111 E, Plate XIV, figs. 11-13, 14?

Formation: Cretaceous, Lower Green Marls

Location: New Jersey

— **hebe** n. sp. Whitfield

U. S. Geol. Sur., Mon. 18, 1892, p. 111, pl. XIV, figs. 11-13, 14?

Formation: Cretaceous, Lower Green Marls

Location: Mullica Hill and Freehold, New Jersey

— **nobilis** n. sp. Whitfield

Geol. Sur. N. J., vol. 2, 1892, p. 186, pl. XXIII, figs. 16, 17

Formation: Cretaceous, Upper Green Marls

Location: New Jersey

— **nobilis** n. sp. Whitfield

U. S. Geol. Sur., Mon. 18, 1892, p. 186, pl. XXIII, figs. 16, 17

Formation: Cretaceous, Upper Green Marls

- Location: New Egypt, New Jersey
- *spirata* n. sp. Whitfield
Geol. Sur. N. J., vol. 2, 1892, p. 109, pl. XIII, figs. 16, 17
Formation: Cretaceous, Lower Green Marls
Location: New Jersey
- *spirata* n. sp. Whitfield
U. S. Geol. Sur., Mon. 18, 1892, p. 109, pl. XIII, figs. 16, 17
Formation: Cretaceous, Lower Green Marls
Location: New Egypt and Upper Freehold, New Jersey
- ? *texana* (Conrad) Johnson
School of Mines Quart., vol. 24, No. 2, 1903, p. 201, Rept. U. S.
and Mex. Bound. Sur., vol. 1, pt. 2, p. 158, pl. XIII, figs. 4a-b
Formation: Cretaceous, Achavica Arroyo, Fort Pierre Age
Location: New Mexico
- ? *texana* (Conrad) Johnson
Columbia Univ. Contr. Geol. Dept. Vol. 10, No. 90, 1903, p. 129
Formation: Cretaceous, Ft. Pierre
Location: Achavica Arroyo, New Mexico
- Rostellites** (Conrad) Whitfield
Geol. Sur. N. J., vol. 2, 1892, p. 83, no pl.
- (Conrad) Gardner
Maryland Geol. Sur., U. Cret., 1916, p. 422, no pl.
- *ambigua* n. sp. Stanton
U. S. Geol. Sur. Bull. 106, 1893, p. 156, pl. XXXIII, figs. 8-10
Formation: Cretaceous, Pugnellus Sandstone
Location: Huerfano park, Colorado, and Rattlesnake butte, 20
miles above Pueblo, Colorado
- *ambigua* ? (Stanton) Logan
Kan. Univ. Geol. Sur., vol. 4, 1898, p. 461, pl. C, figs. 2-5
Formation: Cretaceous, Septaria horizon of Ft. Benton
Location: Kansas
- *ambigua* (Stanton) Herrick and Johnson
Denison Univ. Sci. Lab. Bull., vol. 11, art. 9, 1900, p. 211, pl.
XXIX, fig. 1
Formation: Cretaceous
Location: In cephalopod shales at foot of Fox Hills Division,
Albuquerque, New Mexico
- *cf. ambigua* (Stanton) Johnson
School of Mines Quart., vol. 24, No. 1, 1903, p. 202, pl. I, fig. 7
Formation: Cretaceous, Cerillos, Fort Benton age
Location: New Mexico
- *cf. ambigua* (Stanton) Johnson
Columbia Univ. Contr. Dept., Vol. 10, No. 90, 1903, p. 130, pl. I,
fig. 7
Formation: Cretaceous, Ft. Benton
Location: Cerrillos, New Mexico
- *angulatus* n. sp. Whitfield
Geol. Sur. N. J., vol. 2, 1892, p. 88, pl. XI, figs. 3, 4
Formation: Cretaceous, Lower Green Marls
Location: New Jersey

- **angulatus** n. sp. Whitfield
U. S. Geol. Sur. Mon. 18, 1892, p. 88, pl. XI, figs. 3,4
Formation: Cretaceous, Lower Green Marls
Location: New Jersey
- **angulatus** (Whitfield) Weller
Geol. Sur. N. J. Pal., vol. 4, 1907, p. 787, pl. XCVII, figs. 3,4
Formation: Cretaceous, Navesink marl
Location: New Jersey
- **biconicus** n. sp. Whitfield
Geol. Sur. N. J., vol. 2, 1892, p. 183, pl. XXIII, figs. 10, 11
Formation: Cretaceous, Upper Green Marls
Location: New Jersey
- **biconicus** n. sp. Whitfield
U. S. Geol. Sur., Mon. 18, 1892, p. 183, pl. XXIII, figs. 10, 11
Formation: Cretaceous, Upper Green Marls
Location: Squankum and Farmingdale, New Jersey
- **biconicus** (Whitfield) Weller
Geol. Sur. of N. J. Pal., 1907, p. 788, pl. XCVII, figs 5-8
Formation: Cretaceous, Manasquan marl
Location: New Jersey
- **dalli** n. sp. Stanton
U. S. Geol. Sur. Bull. 106, 1893, p. 156, pl. XXXIII, figs. 11-13
Formation: Cretaceous, Pugnellus Sandstone
Location: Huerfano park, and on Arkansas River, 20 miles above Pueblo, Colorado
- **dalli** (Stanton) Herrick and Johnson
Denison Univ. Sci. Lab. Bull., vol. 11, art. 9, 1900, p. 211 pl. XXIX, figs. 3-5; pl. XXXIII, fig. 8
Formation: Cretaceous
Location: In Sandstone above lignite east of San Francisco and monocline east of Island Mesa, New Mexico
- **dalli** var. **wellsi** n. var. Johnson
School of Mines Quart., vol. 24, No. 2, 1903, p. 202, pl. I, fig. 13
Formation: Cretaceous, Cerillos, Fort Benton age
Location: New Mexico
- **gabbi** (White) sp. Whiteaves
Geol. Sur. Can., Mesozoic Fossils, vol. 1, pt. 5, 1903, p. 356. no pl.
Formation: Cretaceous
Location: Sucia Islands; Brennan creek, Vancouver Island; New Vancouver Coal Co's. mine; Nanaimo, Vancouver Island
- **gracillis** n. sp. Stanton
U. S. Geol. Sur. Bull. 106, 1893, p. 157, pl. XXXIV, figs. 1-3
Formation: Cretaceous, Pugnellus Sandstone
Location: Near Malachite and in Poison canyon, Huerfano park, Colorado
- **gracillis** (Stanton) Herrick and Johnson
Denison Univ. Sci. Lab. Bull., vol. 11, art. 9, 1900, pl. XLIV, figs. 1-3, (no description)
Formation: Cretaceous
Location: Near Albuquerque, New Mexico
- **jamesburgensis** (Weller) Gardner

- Maryland Geol. Sur., U. Cret., 1916, p. 425, no pl.
Formation: Cretaceous, Monmouth, Matawan
Location: Maryland; New Jersey
- *marylandicus* n. sp. Gardner
Maryland Geol. Sur., U. Cret., 1916, p. 424, pl. XV, fig. 1
Location: Maryland
- *nasutus* (Gabb) Whitfield
Geol. Sur. N. J., vol. 2, 1892, p. 86, pl. XI, figs. 1, 2
Formation: Cretaceous, Lower Green Marls
Location: New Jersey; Alabama
- *nasutus* (Gabb) Whitfield
U. S. Geol. Sur., Mon. 18, 1892, p. 86, pl. XI, figs. 1, 2
Formation: Cretaceous, Lower Green Marls
Location: Freehold, Marlborough, Holmdel and Crosswicks,
New Jersey
- *nasutus* (Gabb) Weller
Geol. Sur. of N. J. Pal., vol. 4, 1907, p. 786, pl. XCVII, figs. 1-2
Formation: Cretaceous, Merchantville clay-marl; Navesink marl
Location: New Jersey
- *nasutus* (Gabb) Gardner
Maryland Geol. Sur., U. Cret., 1916, p. 422, no pl.
Formation: Cretaceous, Monmouth, Matawan
Location: Delaware; Maryland; New Jersey
- *pupoides* n. sp. Cragin
Texas Geol. Sur., 4th Ann. Rept., 1893, p. 228, no pl.
Formation: Cretaceous, Alternating beds
Location: At Santa Monica Sulphur Springs, Travis County; on
Blanco River above Blanco City, Texas
- ? *texturatus* n. sp. Whitfield
Geol. Sur. N. J., vol. 2, 1892, p. 88, pl. XI, figs. 5, 6
Formation: Cretaceous, Lower Green Marls
Location: New Jersey
- ? *texturatus* n. sp. Whitfield
U. S. Geol. Sur., Mon. 18, 1892, p. 88, pl. XI, figs. 5, 6
Formation: Cretaceous, Lower Green Marls
Location: Holmdel and Freehold, New Jersey
- *texturatus* (Whitfield) Weller
Geol. Sur. N. J. Pal., vol. 4, 1907, p. 785, pl. XCVI, figs. 12, 13
Formation: Cretaceous, Merchantville clay-marl, Navesink marl
Location: New Jersey; Alabama; Mississippi
- *willistonii* n. sp. Logan
Kan. Univ. Geol. Sur., vol. 4, 1898, p. 461, pl. CXX, fig. 3
Formation: Cretaceous, Septaria horizon of Blue Hills shales
Location: William's Butte, Mitchell County, Kansas
- Retalia orbicularis* (d'Orbigny) Woodward
New York Microscopical Soc. Journ., vol. 10, No. 4, 1894, p. 140
Formation: Cretaceous
Location: Timber Creek, N. J.
- Roudairia denisonensis* n. sp. Cragin
Colo. Coll. Studies, 5th Ann. Pub. 1894, p. 57, no pl.
Formation: Cretaceous, Grayson marl

- Location: Near Denison, Texas
- *quadrans* n. sp Cragin
Amer. Geol., vol. 14, 1894, p. 7, pl.I, figs. 14, 15
Formation: Cretaceous, Neocomian
Location: Near Belvidere, Kansas
- Sageceras* (Mojsisovics) Hyatt and Smith
U. S. Geol. Sur. Prof. Paper 40, 1905, p. 97, no pl.
Formation: Triassic
- *gabbi* (Mojsisovics) Hyatt and Smith
U. S. Geol., Prof. Paper 40, 1905, p. 97, pl. XXV, figs. 1-3; pl. LXXIV, figs. 8, 9; pl. LXXV, figs. 14,15
Formation: Triassic
Location: California
- *gabbi* (Mojsisovics) Smith
U. S. Geol. Sur., Prof. Paper 83, 1914, p. 49, pl. VI, figs. 1-3; pl. XI, figs. 8,9; pl. XII, figs. 14,15; pl. XXI, figs. 18-20
Formation: Triassic
Location: West Humbolt Range, Nevada
- Sagenites* (Mojsisovics) Smith
Cal. Acad. Sci. Proc., 3d ser., vol. 1, 1904, p. 399, no pl.
Formation: Triassic, Karnic
- (Mojsisovics) Hyatt and Smith
U. S. Geol. Sur. Prof. Paper 40, 1905, p. 37, no pl.
Formation: Triassic
- (Trachysagenites) *herbichi* (Mojsisovics) Smith
Cal. Acad. Sci. Proc., 3d ser., vol. 1, 1904, p. 399, pl. XLVI, figs. 7, 8; pl. XLVII, figs. 5,6
Formation: Triassic, Karnic
Location: California
- Trachysagenites) *herbichi* (Mojsisovics) Hyatt and Smith
U. S. Geol. Sur., Prof. Paper 40, 1905, p. 39, pl. XXVI, figs. 1-2; pl. XXVII, figs. 1-4; pl. XXVIII, figs. 1-18
Formation: Triassic
Location: Shasta County, California
- Salenia bellula* (Clark) Clark
U. S. Geol. Sur., Bull. 97, 1893, p. 43, pl. XI, figs 2a-g
Formation: Cretaceous
Location: New Jersey
- Salenia bellula* (Clark) Weller
Geol. Sur. N. J. Pal., vol. 4, 1907, p. 283, pl. VIII, figs. 11-17
Formation: Cretaceous, Vincentown limestone
Location: Vincentown, New Jersey
- *bellula* (Clark) Clark and Twichell
U. S. Geol. Sur., Mon. 54, 1915, p. 51, pl. XIII, figs. 2a-g
Formation: Cretaceous, Rancocas
Location: Timber creek, New Jersey
- *mexicana* (Shlüter) Böse
Inst.Geol. de México, Bol. 25, 1910, p. 152 Lám. XXXII, figs. 4-19
Formation: Vraconian
Location: Chihuahua, Mexico

- *mexicana* (Schleuter) Adkins and Winton
Univ. of Texas Bull. No. 1945, 1919, p. 49, pl. IX, figs. 14-17
Formation: Cretaceous, Goodland limestone
Location: Fort Worth, Texas
- sp. Adkins
Univ. of Texas Bull. No. 1856, 1919 p. 103, no pl.
Formation: Comanchean, Weno
Location: Denison, Texas
- *texana* (Credner) Clark
U. S. Geol. Sur., Bull. 97, 1893, p. 40, pl. X, figs. 1a-h
Formation: Cretaceous, Comanchean, Washita
Location: Texas
- *texana* (Credner) Cragin
Texas Geol. Sur., 4th Ann. Rept., 1893, p. 163, no pl.
Formation: Cretaceous, Fredricksburg and Washita Division
Location: Bandera and other counties, Texas
- *texana* (Credner) Clark and Twitchell
U. S. Geol. Sur., Mon. 54, 1915, p. 49, pl. XII, figs 1a-i; pl. XIV,
figs. 1a-c
Formation: Cretaceous, Comanchean, Fredericksburg and
Washita
Location: Texas
- *tumidula* (Clark) Clark
U. S. Geol. Sur., Bull. 97, 1893, p. 41, pl. XI, figs. 1a-j
Formation: Cretaceous
Location: New Jersey
- *tumidula* (Clark) Weller
Geol. Sur. N. J. Pal. vol. 4, 1907, p. 282, pl. VIII, figs. 1-10
Formation: Cretaceous, Vincentown limestone
Location: New Jersey
- *tumidula* (Clark) Clark and Twitchell
U. S. Geol. Sur., Mon. 54, 1915, p. 50, pl. XIII, figs 1a-j
Formation: Cretaceous, Rancocas
Location: Timber Creek, New Jersey
- *volana* n. sp. Whitney
Bull. Amer. Pal., Vol. 5, No. 26, 1916, p. 4, pl. I, figs. 1-9
Formation: Cretaceous, Buda
Location: Austin and Manchaca, Texas
- Sandlingites* (Mojsisovics) gen. Hyatt and Smith
U. S. Geol. Sur., Prof. Paper 40, 1905, p. 200, no pl.
Formation: Triassic
- Sandlingites andersoni* n. sp. Hyatt and Smith
U. S. Geol. Sur. Prof. Paper 40, 1905, p. 200, pl. XLVII, figs. 10-12
Formation: Triassic
Location: Shasta County, California
- Sauvagesia austinensis* (Romer) sp. Toucas
Mem. Pal. Geol. Soc. France, Tome 17, Fascicule 1, Mem, 36,
1909, p. 96, fig. 64
Formation: Cretaceous
Location: Texas
- sp. Boehm

- Zeit. Deut. Geol. Gesell. 1898, vol. 50, p. 325
Formation: Cretaceous
Location: Sierra de la Boca bei Orizaba, Mexico
- *texana* (Romer) sp. Toucas
Mem. Pal. Geol. Soc. France, Tome 17, Fascicule 1, Mem. 36, 1909,
p. 82, pl. XVI, fig. 1
Formation: Cretaceous
Location: New Braunfels, Texas
- Scabrae* (Agassiz) Packard
Oregon. Univ. Pub., vol. 1, No. 9, 1921, p. 23
Formation: Jurassic-Cretaceous
- Scala? hercules* (Whitfield) Weller
Geol. Sur. of New Jersey Pal. vol. 4, 1907, p. 695, pl. LXXVI,
fig. 8
Formation: Cretaceous, Clifford clay
Location: New Jersey
- *sillmani* (Morton) Weller
Geol. Sur. N. J. Pal. vol. 4, 1907, p. 672, pl. LXXVI, figs. 2, 3
Formation: Cretaceous, Merchantville clay-marl, Marshalltown
clay-marl, Navesink marl, Red Bank sand, Tinton beds
Location: New Jersey, Alabama
- Scalaria clementina* (Michelin) ? Merriam
Univ. Cal. Bull. of Geol., vol. 2, 1901, p. 283, no pl.
Formation: Cretaceous
Location: John Day Basin, Oregon
- Scalaria clementina* (Michelin) (d'Orbigny) Whiteaves
Geol. Sur. Can; Mesozoic Fossils, vol. 1, pt. 4, 1900, p. 287, no pl.
Formation: Cretaceous
Location: Cumsheewa Inlet of Queen Charlotte Islands
- *hercules* n. sp. Whitfield
Geol. Sur. N. J., vol. 2, 1892, p. 140, pl. XVIII, fig. 12
Formation: Cretaceous, Lower Green Marls
Location: New Jersey
- *hercules* n. sp. Whitfield
U. S. Geol. Sur., Mon. 18, 1892, p. 140, pl. XVIII, fig. 12
Formation: Cretaceous, Lower Green Marls
Location: Cliffwood, New Jersey
- ? *pauperata* n. sp. Whitfield
Geol. Sur. N. J., vol. 2, 1892, p. 141, pl. XVIII, figs. 3-7
Formation: Cretaceous, Lower Green Marls
Location: New Jersey
- ? *pauperata* n. sp. Whitfield
U. S. Geol. Sur., Mon. 18, 1892, p. 121, pl. XVIII, figs. 3-7
Formation: Cretaceous, Lower Green Marls
Location: Crosswicks Creek, New Jersey
- *sillmani* (Morton) Whitfield
Geol. Sur. N. J., vol. 2, 1892, p. 138, pl. XVIII, fig. 2
Formation: Cretaceous, Lower Green Marls
Location: New Jersey; Alabama
- *sillmani* (Morton)
U. S. Geol. Sur., Mon. 18, 1892, p. 138, pl. XVIII, fig. 2
Formation: Cretaceous

- Formation: Cretaceous, Lower Green Marls
 Location: Holmdel, New Jersey
- (*opalia*) (Gabb) *Thomasi*? Whitfield
 Geol. Sur. N. J., vol. 2, 1892, p. 137, pl. XVIII, fig. 1
 Location: New Jersey
- (*opalia*) (Gabb) *Thomasi*? Whitfield
 U. S. Geol. Sur. Mon. 18, 1892, p. 137, pl. XVIII, fig. 1
 Formation: Cretaceous, Lower Green Marls
 Location: New Jersey
- Scalpellum conradi* (Gabb) Weller
 Geol. Sur. N. J. Pal., vol. 4, 1907, p. 845, pl. CX, fig. 10
 Formation: Cretaceous, Vincentown limestone
 Location: New Jersey
- Scaphites* aff. *auritus* (Schlüter) Burckhardt
 Inst. Geol. México, Bol. 33, 1919, p. 95, Lám. XXII, figs. 5-10
 Formation: Cretaceous
 Location: Cerrito de Zumpango del Rio, Mexico
- *condoni* n. sp. Anderson
 Cal. Acad. Sci. Proc., 3rd ser. Geol., vol. 2, No. 1, 1902, p. 111, pl. II, figs. 58-63
 Formation: Cretaceous, Lower Chico
 Location: Forty-nine Mine, Phoenix, Oregon.
- *condoni* var. *appressus* sp. n. var. Anderson
 Cal. Acad. Sci. Proc., 3rd ser. Geol., vol. 2, No. 1, 1902, p. 112, pl. II, figs. 64-66
 Formation: Cretaceous
 Location: California
- *conradi* (Morton) Gardner
 Maryland Geol. Sur., U. Cret., 1916, p. 383, pl. XII, fig. 1
 Formation: Cretaceous, Monmouth, Ripley, Fox Hills
 Location: Maryland; Alabama; Western Interior
- aff. *Geinitzi* (Jahn non (D'Orbigny) Schlüter) Burckhardt
 Inst. Geol. de México, Bol. 33, 1919, p. 96, Lám. XXII, fig. 12
 Formation: Cretaceous
 Location: Cerrito de Zumpango del Rio, Mexico
- *gillisi* n. sp. Anderson
 Cal. Acad. Sci. Proc., 3rd ser. Geol., 1902, vol. 2, No. 1, p. 110, pl. III, figs. 85-88
 Formation: Cretaceous
 Location: Forty-nine Mine, Phoenix, Oregon
- *hilli* (Adkins and Winton) Adkins
 Univ. of Texas Bull. No. 1856, 1918, p. 79, pl. II, figs. 1-12
 Formation: Cretaceous, Basal half of Pawpaw
 Location: Tarrant County, Texas
- *hilli* n. sp. Adkins and Winton
 Univ. of Texas Bull. 1945, 1919, p. 37, pl. VII, figs. 3-6
 Formation: Cretaceous, Pawpaw
 Location: Fort Worth, Texas
- *hippocrepis* (DeKay) Whitfield
 Geol. Sur. N. J., vol. 2, 1892, p. 262, pl. XLIV, figs. 8-12
 Formation: Cretaceous, Lower Green Marls

- Location: New Jersey
- **hippocrepis** (DeKay) Whitfield
U. S. Geol. Sur., Mon. 18, 1892, p. 262, pl. XLIV, figs. 8-12
Formation: Cretaceous, Lower Green Marl beds
Location: Deep cut in Chesapeake and Delaware Canal, New Jersey
 - **hippocrepis** (De Kay) Weller
Geol. Sur. N. J. Pal., vol. 4, 1907, p. 826, pl. CVII, figs. 3-6
Formation: Cretaceous, Merchantville clay
 - **hippocerpis** (DeKay) Gardner
Maryland Geol. Sur., U. Cret., 1916, p. 382, no pl.
Formation: Cretaceous, Matawan
Location: Maryland; New Jersey
 - **incermis** n. sp. Anderson
Cal. Acad. Sci. Proc., 3d ser. Geol., vol. 2, No. 1, 1902, p. 113, pl. III, figs. 74-77
Formation: Cretaceous
Location: Smith ranch, Forty-nine Mine, Phoenix, Oregon.
 - **iris** (Conrad) Whitfield
Geol. Sur. N. J., vol. 2, 1892, p. 265, pl. XLIV, figs. 4-7
Formation: Cretaceous
Location: New Jersey; Mississippi
 - **iris** (Conrad) Whitfield
U. S. Geol. Sur., Mon. 18, 1892, p. 265, pl. XLIV, figs. 4-7
Formation: Cretaceous
Location: Tippah County, Mississippi
 - **klamathensis** n. sp. Anderson
Cal. Acad. Sci. Proc., 3d ser. Geol., vol. 2, No. 1, 1902, p. 115, pl. III, figs. 78-81
Formation: Cretaceous
Location: Shasta Valley, south of Klamath River
 - **larvaeformis** (Meek and Hayden) Stanton
U. S. Geol. Sur. Bull. 106, 1893, p. 182, pl. XLIV, fig. 2
Formation: Cretaceous, Fort Benton group
Location: Eastern base of Black Hills, S. Dakota
 - **larvaeformis** (Meek and Hayden) Logan
Kan. Univ. Geol. Sur., vol. 4, 1898, p. 473, pl. CIV, fig. 2
Formation: Cretaceous, Septaria horizons, Blue Hills shales
Location: Smoky Hill River and Saline River, Kansas
 - **larvaeformis** (Meek and Hayden) Herrick and Johnson
Denison Univ. Sci. Lab. Bull., 1900, vol. 11, art. 9, 1900, pl. XLV, figs. 2 (no description)
Formation: Cretaceous
Location: Near Albuquerque, New Mexico
 - **mullanaus** (Meek and Hayden) Stanton
U. S. Geol. Sur. Bull. 106, 1893, p. 187, pl. XLV, figs. 2-4
Formation: Cretaceous, Fort Benton group
Location: Chippewa point on upper Missouri, Montana
 - **mullananus** (Meek and Hayden) Logan
Kan. Univ. Geol. Sur., vol. 4, 1898, p. 477, pl. CV, figs. 2-4

- Formation: Cretaceous, Blue Hills shales of Fort Benton
 Location: Near Mankato, Kansas
- **mullananus** (Meek and Hayden) Herrick and Johnson
 Denison Univ. Sci. Lab. Bull., vol. 11, art. 9, 1900, pl. XLVI,
 figs. 2-4, (no description)
 Formation: Cretaceous
 Location: Near Albuquerque, New Mexico
- **nodosus** (Owen) Whitfield
 Geol. Sur. N. J., vol. 2, 1892, p. 261, pl. XLIV, figs. 13, 14
 Formation: Cretaceous, Lower Green Marls
 Location: New Jersey
- **nodosus** (Owen) Whitfield
 U. S. Geol. Sur., Mon. 18, 1892, p. 261, pl. XLIV, figs. 13, 14
 Formation: Cretaceous, Lower Green Marls
 Location: Marlborough, New Jersey
- **nodosus** (Owen) Gilbert
 U. S. Geol. Sur., 17th Ann. Rept., pt. 2, 1895-1896, pl. LXIII
 Formation: Cretaceous, Tepee zone of Pierre shale
 Location: East Colorado
- **nodosus** (Meek) Logan
 Field Col. Mus. Geol. ser., vol. 1, No. 6, 1899, pl. XXII, fig. 2;
 pl. XXIII, figs. 1-4, 6-12
 Formation: Cretaceous, Fort Pierre
 Location: Kansas
- **nodosus** (Owen) Weller
 Geol. Sur. N. J. Pal., vol. 4, 1907, p. 824, pl. CVIII, figs. 1-2
 Formation: Cretaceous, Merchantville clay-marl, Woodbury clay
 Location: New Jersey; Dakota; Montana; Kansas
- **nodosus** var. **brevis** (Meek) Logan
 Kan. Univ. Geol. Sur., vol. 4, 1898, p. 511, pl. CVIII, fig. 3
 Formation: Cretaceous, Fort Pierre shales
 Location: Devil's Canyon, Cheyenne County
- Scaphites** (Parkinson) Gardner
 Maryland Geol. Sur., U. Cret., 1916, p. 381, no pl.
 Formation: Cretaceous
- **purini** n. sp. Anderson
 Cal. Acad. Sci. Proc., 3rd ser. Geol., vol. 2, No. 1, 1902, p. 114,
 pl. II, figs. 71-73
 Formation: Cretaceous
 Location: Smith ranch, Phoenix, Oregon
- **reniformis** Whitfield
 Geol. Sur. N. J., vol. 2, 1892, p. 264, pl. XLIV, fig. 3
 Formation: Cretaceous, Lower Green Marls
 Location: New Jersey
- **reniformis** Whitfield
 U. S. Geol. Sur., Mon. 18, 1892, p. 264, pl. XLIV, fig. 3
 Formation: Cretaceous, Lower Green Marl
 Location: Grove Hill, near Bordentown, New Jersey
- **roguensis** n. sp. Anderson
 Proc. Cal. Acad. Sci., 3rd ser. Geol., vol. 2, No. 1, 1902, p. 112,
 pl. II, figs. 67-70

- Formation: Cretaceous, Lower Chico Beds
 Location: Forty-nine Mine, Phoenix, Oregon
- *septem* - *seriatus* n. sp. Cragin
 Texas Geol. Sur., 4th Ann. Rept., 1893, p. 240, no pl.
 Formation: Cretaceous, Eagle Ford shale
 Location: Keenan's crossing of the Trinity River, Dallas County, Texas
- *similis* n. sp. Whitfield
 Geol. Sur. N. J., vol. 2, 1892, p. 267, pl. XLIV, figs. 1, 2
 Formation: Cretaceous
 Location: New Jersey; Delaware
- *similis* n. sp. Whitfield
 U. S. Geol. Sur. Mon. 18, 1892, p. 267, pl. XLIV, figs. 1, 2
 Formation: Cretaceous
 Location: Deep cut of the Chesapeake and Delaware canal, Delaware
- sp. Shimer and Blodgett
 Amer. Jour. Sci., 4th ser. vol. 25, 1908, p. 67
 Formation: Cretaceous, Fort Benton
 Location: New Mexico
- cfr. *teshioensis* (Yabe) Burkhardt
 Inst. Geol. México, Bol. 33, 1919, p. 97, Lám. XXII, fig. 11
 Formation: Cretaceous
 Location: Camino de Zumpango Mezquititlan
- *varias formas del grupo del Scaphites Geinitzi d'Orb. in Shlüter*
 Burkhardt
 Inst. Geol. México, Bol. 33, 1919, p. 94, Lám. XXII, figs. 1-4
 Formation: Cretaceous
 Location: Rancho de la Curtiduria, Cerrito de Zumpango del Rio, Mexico
- *ventricosus* (Meek and Hayden) Stanton
 U. S. Geol. Sur. Bull. 106, 1893, p. 186, pl. XLIV, figs. 8-10; pl. XLV, fig. 1
 Formation: Cretaceous, Fort Benton shales
 Location: Chipewa point on the Upper Missouri, Montana
- *ventricosus* (Meek and Hayden) Logan
 Kan. Univ. Geol. Sur., vol. 4, 1898, p. 476, pl. CIV, figs. 8-10
 Formation: Cretaceous, Septaria horizon, Blue Hills shales
 Location: William's Butte and Smoky Hill River, Kansas
- *ventricosus* (M. & H.) Stanton
 U. S. Geol. Sur., Mon. 32, pt. 2, 1899, p. 636, no pl.
 Formation: Cretaceous, Colorado
 Location: Yellowstone National Park
- *ventricosus* (M. & H.) Herrick and Johnson
 Denison Univ. Sci. Lab. Bull., vol. 11, art. 9 1900, pl. XLV, figs. 8-10; pl. XLVI, fig. 1
 Formation: Cretaceous
 Location: Near Albuquerque, New Mexico
- *verniformis* (M. & H.) Stanton
 U. S. Geol. Sur., Bull. 106, 1893, p. 183, pl. XLIV, fig. 3
 Formation: Cretaceous, Fort Benton group

- Location: Chippewa point on upper Missouri, Montana
- *vermiformis* (M. & H.) Logan
 Kan. Univ. Geol. Sur., vol. 4, 1898, p. 474, pl. CIV, fig. 3
 Formation: Cretaceous, *Septaria* horizons of Blue Hills shales
 Location: Kansas
- *vermiformis* (M. & H.) Herrick and Johnson
 Denison Univ. Sci. Lab. Bull., vol. 11, art. 9, 1900, pl. XLV, fig. 3, (no description)
 Formation: Cretaceous
 Location: Near Albuquerque, New Mexico
- *warreni* (M. & H.) Stanton
 U. S. Geol. Sur., Bull. 106, 1893, p. 185, pl. XLIV, figs. 4-7
 Formation: Cretaceous, Fort Benton shales
 Location: Southern base of Black Hills of Dakota; Wyoming; Colorado; New Mexico; Utah
- *warrenii* (M. & H.) Logan
 Kan. Univ. Geol. Sur., vol. 4, 1898, p. 475, pl. CIV, figs. 5-7
 Formation: Cretaceous, *Septaria* horizon in Fort Benton group
 Location: White Rock, Jewell County, Kansas
- *warreni* (Meek) Logan
 Field Col. Mus. Geol. ser., vol. 1, No. 6, 1899, p. 210, pl. XXII, fig. 1; pl. XXIII, fig. 5
 Formation: Cretaceous, Benton
 Location: Kansas
- *warreni* (M. & H.) Herrick and Johnson
 Denison Univ. Sci. Lab. Bull., vol. 11, art. 9, 1900, pl. XLV, figs. 4-7, (no description)
 Formation: Cretaceous
 Location: Near Albuquerque, New Mexico
- *warreni* (M. & H.) Johnson
 School of Mines Quart., vol. 24, No. 2, 1903, p. 215, (See Bull. U. S. Geol. Sur., No. 106, p. 185)
 Formation: Cretaceous, Cerrillos, Fort Benton age
 Location: New Mexico
- *warreni* (M. & H.) Johnson
 Columbia Univ. Contr. Geol. vol. X, No. 90, 1903, p. 143
 Formation: Fort Benton
 Location: Cerrillos, New Mexico
- *worthensis* n. sp. Adkins and Winton
 Univ. of Texas Bull. 1945, 1919, p. 36, pl. VII, figs. 1-2
 Formation: Cretaceous, Duck Creek
 Location: Near Fort Worth, Texas
- Scaphoidea* (Agassiz) Packard
 Type Species: *Trigonia navis* (Lam.)
 Oregon Univ. Pub., vol. 1, No. 9, 1921, p. 9, pl. I, fig. 9
 Formation: Jurassic-Cretaceous
- Schiosia ramosa* (Boehm sp.) Douvillé
 Bull. Soc. Geol. France, 3 Serie, No. 28, 1900, p. 206, figs. 1a, 7
 Formation: Cretaceous
 Location: Mexico
- Schizobasis* n. gen. Wade

- Phila Acad. Nat. Sci. Proc. vol. 68, 1916, p. 468
- *depressa* n. sp. Wade
Phila. Acad. Nat. Sci. Proc. vol. 68, 1916, p. 469, pl. XXIV, figs. 8, 9, 10
Formation: Upper Cretaceous, Ripley
Location: Coon Creek, McNairy County, Tenn.
- Schizodesma appressa* (Gabb) Weller
Geol. Sur. N. J. Pal., vol. 4, 1907, p. 634, pl. LXXI, figs. 14-21
Formation: Cretaceous, Cliffwood Clay, Wenonah sand
Location: New Jersey; Georgia; Texas
- Scobina* n. gen. Wade
Phila. Acad. Nat. Sci. Proc., vol. 69, 1917, p. 286
See *Haplovoluta* Wade
- *bicarinata* n. sp. Wade
Phila. Acad. Nat. Sci. Proc. vol. 69, 1917, p. 287, pl. XVIII, figs. 1, 2
Formation: Upper Cretaceous, Ripley
Location: Coon Creek, McNairy County, Tenn.
- Seminola* n. gen. Wade
Phila. Acad. Nat. Sci. Proc., vol. 69, 1917, p. 290
- *crassa* n. sp. Wade
Phila. Acad. Nat. Sci. Proc., vol. 69, 1917, p. 291, pl. XIX, figs. 6, 7
Formation: Upper Cretaceous, Ripley
Location: Coon Creek, McNairy County, Tenn.
- *solida* n. sp. Wade
Phila. Acad. Nat. Sci. Proc., vol. 69, 1917, p. 292, pl. XIX, figs. 1, 2
Formation: Upper Cretaceous, Ripley
Location: Coon Creek, McNairy County, Tenn.
- Schloenbachia acutocarinata* (Shumard) Adkins and Winton
Univ. of Texas Bull. No. 1945, 1919, p. 32, pl. I, figs. 1-3
Formation: Cretaceous, Goodland, Kiamitia
Location: Texas
- *aff. acuto carinata* (Shum.) (Morcou) Böse
Inst. Geol. de. México, Bol. 25, 1910, p. 65, Lám. I, fig. 3; Lám. 2, figs. 1-3
Formation: Vraconian
Location: Cerro de Muleros
- *austinensis* (Roemer) Lasswitz
Geol. and Pale. Abh. N. F. 6, Heft. 4, 1904, p. 24, Taf. V, figs. 3, 4
Formation: Cretaceous
Location: Texas
- *austinensis* (Roemer) var. *nova minima* Lasswitz
Geol. and Pale. Abh. N. F. 6, Heft. 4, 1904, p. 25, Taf. VI (XVIII) fig. 1
Formation: Cretaceous
Location: Texas
- *bakeri* n. sp. Anderson
Cal. Acad. Sci. Proc., 3rd ser. Geol., 1902, vol. 2, No. 1, p. 121, pl. II, figs. 26-33

- Formation: Cretaceous, Lower Chico
Location: Phoenix, Oregon; California
- **belknapi** (Marcou) Adkins and Winton
Univ. of Texas Bull. 1945, 1919, p. 33, pl. II, figs. 4, 5
Formation: Kiamitia
Location: North Texas
- cfr. **Belknapi** (Marcou) Böse
Inst. Geol. de México, Bol. 25, 1910, p. 71, Lám. V, figs. 1-2;
Lám. VI, figs. 1-3; Lám. VII, figs. 1, 2, 5
Formation: Vraconian and Lower Cenomanian
Location: Cerro de Muleros
- **blanfordiana** Stol. (?) Anderson
Cal. Acad. Sci. Proc., 3rd ser. Geol., vol. 2, No. 1, 1902, p. 124,
pl. I, figs. 5-10
Formation: Cretaceous, Lower Chico
Location: Phoenix, Oregon; California
- **Bourgeoisii** (de'Orb. emen. Gross) var. *nova americana* Lasswitz
Geol. and Pale. Abh. N. F. 6, Heft. 4, p. 32, 1904, Taf. VIII (XX),
fig. 1
Formation: Cretaceous
Location: Texas
- **Bravoensis** n. sp. Böse
Inst. Geol. de México, Bol. 25, 1910, p. 69, Lám. III, fig. 6; Lám.
IV, figs. 1-5
Formation: Vraconian
Location: Cerro de Muleros
- **Burckhardti** n. sp. Böse
Inst. Geol. de México, Bol. 25, 1910, p. 61, Lám. I, figs. 1, 2, 3, 4, 5
Formation: Lower Cenomanian
Location: Cerro de Muleros, Mexico
- **buttensis** n. sp. Anderson
Cal. Acad. Sci. Proc., 3rd ser. Geol., vol. 2, No. 1, 1902, p. 118,
pl. IV, figs. 110, 111
Formation: Cretaceous, Upper Chico
Location: Butte County, California
- **chicoensis** (Trask) Anderson
Cal. Acad. Sci. Proc., 3rd ser. Geol., vol. 2, No. 1, 1902, p. 116,
pl. I, figs. 21-22; pl. II, figs. 23-25
Formation: Cretaceous, Upper Chico
Location: Sacramento Valley, California
- **Chihuahuuensis** n. sp. Böse
Inst. Geol. de México, Bol. 25, 1910, p. 73, Lám. V, figs. 3-4;
Lám. VII, figs. 3-4; Lám. VIII, figs. 1-2
Formation: Vraconian
Location: Chihuahua
- **dentato-carinata** (Römer) Lasswitz
Geol. and Pale. Abh. N. F. 6, Heft. 4, 1904, p. 29, (no pl.)
Formation: Cretaceous
Location: Texas
- **Evæ** n. sp. Lasswitz
Geol. and Pale. Abh. N. F. 6, Heft. 4, 1904, p. 29, Taf. VIII (XX),

- fig. 2
Formation: Cretaceous
Location: Texas
- **Frechi** n. sp. Lasswitz
Geol. and Pale. Abh. N. F. 6, Heft. 4, 1904, p. 28, Taf. VI (XVIII),
fig. 6
Formation: Cretaceous
Location: Texas
- **Frechi** var. nova **curvata** Lasswitz
Geol. and Pale. Abh. N. F. 6, Heft. 4, 1904, p. 28, Taf. VI (XVIII),
fig. 7
Formation: Cretaceous
Location: Texas
- **gabbi** n. sp. Anderson
Cal. Acad. Sci. Proc., 3rd ser. Geol., vol. 2, No. 1, 1902, p. 117,
(no pl.)
Formation: Cretaceous
Location: California
- **Haberfellneri** (Hauer) Lasswitz
Geol. and Pale. Abh. N. F. 6, Heft. 4, 1904, p. 28, Taf. VIII
(XX), fig. 3
Formation: Cretaceous
Location: Texas
- **af. inflata** (Sowerby) Aguilera
Com. Geol. de México, Bol. 1, 1895, p. 18, Lám. IX, fig. 1
Formation: Jurassic,
Location: Mineral de Catorce, San Luis Potosí, Mexico
- **inflata** (Sowerby) sp. Whiteaves
Geol. Sur. Can., Mesozoic Fossils, vol. 1, p. 4, 1900, p. 273, no pl.
Formation: Cretaceous
Location: East end of Maude Island of Queen Charlotte Island
- **Kiliani** n. sp. Lasswitz
Geol. and Pale. Abh. N. F. 6, Heft. 4, 1904, p. 25, Taf. VII
(XIX), fig. 1, text fig. 6
Formation: Cretaceous
Location: Texas
- **knighteni** n. sp. Anderson
Cal. Acad. Sci. Proc., 3d ser. Geol., vol. 2, No. 1, 1902, p. 119,
pl. I, figs. 1-4, pl. II, figs. 39-40
Formation: Cretaceous
- **leonensis** (Con.) Cragin
Texas Geol. Sur., 4th Ann. Rept., 1893, p. 241, no pl.
Formation: Cretaceous, Fort Worth limestone
Location: Texas
- **leonensis** (Conrad) Lasswitz
Geol. and Pale. Abh. N. F. 6, Heft. 4, 1904, p. 23, no pl.
Formation: Cretaceous
Location: Texas
- **leonensis** (?) (Conrad) Adkins and Winton
Univ. of Texas Bull. 1945, 1919, p. 34, pl. IV, figs. 4-5
Formation: Cretaceous, Fort Worth limestone

- Location: North Texas
- **leonensis** (Conrad) n. var. **maxima** Lasswitz
Geol. and Pale. Abh. N. F. 6, Heft. 4, 1904, p. 24, Taf. VI
(XVIII), fig. 2, text fig. 5
Formation: Cretaceous
Location: Texas
- **multicosta** n. sp. Anderson
Cal. Acad. Sci. Proc., 3d ser. Geol., vol. 2, No. 1, 1902, p. 120,
pl. II, figs. 41-47
Formation: Cretaceous, Lower Chico
Location: Phoenix, Oregon; Sacramento, California
- **nodosa** n. sp. Böse
Inst. Geol. de México, Bol. 25, 1910, p. 75, Lám. VIII, figs. 11-12;
Lám. IX, figs. 1-3
Formation: Lower Cenomanian
Location: Cerro de Muleros
- **oregonensis** n. sp. Anderson
Cal. Acad. Sci. Proc., 3d ser. Geol., 1902, vol. 2, No. 1, p. 122, pl.
II, figs. 48-57; pl. VI, fig. 144; pl. VII, fig. 149
Formation: Cretaceous, Lower Chico
Location: Phoenix, Oregon; California
- **oregonensis** (Anderson) Anderson
Leland Stanford Jr. Univ. Pub. 1914, pl. XIII, figs. 16-21
Formation: Cretaceous
Location: Oregon
- **peruviana** (Von B.) Cragin
Texas Geol. Sur., 4th Ann. Rept., 1893, p. 242, no pl.
Formation: Cretaceous
Location: Texas
- **propinqua** (Stol) Anderson
Cal. Acad. Sci. Proc., 3d ser. Geol., vol. 2, No. 1, 1902, p. 123,
pl. II, figs. 34-38
Formation: Cretaceous
Location: Pacific Coast
- **quattuornodosa** n. sp. Lasswitz
Geol. and Pale. Abh. N. F. 6, Heft. 4, 1904, p. 31, Taf. VII
(XIX), fig. 3, text fig. 7
Formation: Cretaceous
Location: Texas
- **quattuornodosa** n. var. **planata** Lasswitz
Geol. and Pale. Abh. N. F. 6, Heft. 4, 1904, p. 32, Taf. VII
(XIX), fig. 4
Formation: Cretaceous
Location: Texas
- **quinquenodosa** Redtenbacher n. var. **minuta** Lasswitz
Geol. and Pale. Abh. N. F. 6, Heft. 4, 1904, p. 31, Taf. VIII,
(XX), fig. 4
Formation: Cretaceous
Location: Texas
- **Roemeri** n. sp. (Typus) Lasswitz
Geol. and Pale. Abh. NN F. 6, Heft. 4, 1904, p. 27, Taf. VI

- (XVIII), fig. 3
 Formation: Cretaceous
 Location: Texas
- **roemerii** n. sp. var. **elegantior** Lasswitz
 Geol. and Pale. Abh. N. F. 6, Heft. 4, 1904 p. 28, Taf. VI
 (XVIII), fig. 5
 Formation: Cretaceous
 Location: Texas
- **roemerii** n. var. **harpax** Lasswitz
 Geol. and Pale. Abh. N. F. 6, Heft. 4, 1904, p. 27, Taf. VI
 (XVIII), fig. 4
 Formation: Cretaceous
 Location: Texas
- **sequens** (Gross) Lasswitz
 Geol. and Pale. Abh. N. F. 6, Heft. 4, 1904, p. 27, Taf. VI
 (XVIII), fig. 3
 Formation: Cretaceous
 Location: Texas
- **siskijouensis** n. sp. Anderson
 Cal. Acad. Sci. Proc., 3d ser. Geol., vol. 2, No. 1, 1902, pl. 119,
 pl. I, figs. 19-20
 Formation: Cretaceous
 Location: Pacific Coast
- n. sp. indt. Böse
 Inst. Geol. de México, Bol. 25, 1910, p. 74, Lám. VIII, figs. 3-10
 Formation: Vraconian
 Location: Chihuahua, Mexico
- n. sp. indt., Böse
 Inst. Geol. de México, Bol. 25, 1910, p. 68, Lám. III, figs. 1-5
 Formation: Vraconian
 Location: Cerro de Muleros
- **sp. I** (aff. *inflata*) Adkins and Winton
 Univ. of Texas Bull. No. 1945, 1919, p. 33, pl. IV, figs. 1-3
 Formation: Cretaceous, Duck Creek and Fort Worth
 Location: North Texas
- **sp. M.** Adkins and Winton
 Univ. of Texas Bull. 1945, 1919, p. 34, pl. V, figs. 1-4
 Formation: Cretaceous, Weno
- **templetoni** n. sp. Hall and Ambrose
 The Nautilus, vol. 30, No. 7. 1916, p. 78
 Formation: Cretaceous, Upper Chico
 Location: Between Altamont and Greenway, California
- **texana** (Roemer) Lasswitz
 Geol. and Pale. Abh. N. F. 6, Heft. 4, 1904, p. 30, Taf. VII,
 (XIX), fig. 2
 Formation: Cretaceous
 Location: Texas
- **trinodosa** (Böse) Adkins and Winton
 Univ. of Texas Bull. No. 1945, 1919, p. 33, pl. III, figs. 1-3
 Formation: Cretaceous, Duck Creek
 Location: North Texas

- *trinodosa* Böse
Inst. Geol. de México, Bol. 25, 1910, p. 78, Lám. IX, fig. 4;
Lám. X, figs. 1-4
Formation: Lower Cenomanian
Location: Cerro de Muleros
- *wenoensis* n. sp. Adkins
Univ. of Texas Bull. No. 1856, 1918, p. 89, pl. I, fig. 14
Formation: Cretaceous, Pawpaw
Location: Near Fort Worth, Texas
- *Whitei* n. sp. Böse
Inst. Geol. de México, Bol. 25, 1910, p. 63, Lám. figs. 6-9;
Lám. XLVI, figs. 6-8
Formation: Lower Cenomanian
Location: Cerro de Muleros
- *wintoni* n. sp. Adkins
Univ. of Texas Bull. No 1856, 1918, p. 90, pl. III, figs. 8-11
Formation: Cretaceous, Weno
Location: Near Gainesville, Texas
- *woolgari* (Mantell) Cragin
Texas Geol. Sur., 4th Ann. Rept., 1893, p. 243, no pl.
Formation: Cretaceous, Eagle Ford shales, Vola limestone
Location: On San Gabriel River in Williamson County about 1
mile below Towne's mill and about 6 miles below George-
town, Texas
- Schlüteria diabloensis* n. sp. Anderson
Cal. Acad. Sci. Proc. 3d ser. Geol., vol. 2, No. 1, 1902, p. 80,
pl. III, figs. 105-106
Formation: Cretaceous, Chico
Location: Mount Diablo and low horizon of California
- Scurria* ? *conformis* n. sp. Johnson
School of Mines Quart., vol. 24, No. 2, 1903, p. 199, pl. I, fig. 8a, b
Formation: Cretaceous, Fort Benton age
Location: Cerrillos, New Mexico
- ? *conformis* n. sp. Johnson
Columbia Univ. Contr. Geol. Dept., vol. 10, No. 90, 1903, p. 127,
pl. I, fig. 8a, b
Formation: Fort Benton
Location: Cerrillos, New Mexico
- Scutellaster cretaceus* (Cragin) Clark and Twitchell
U. S. Geol. Sur., Mon. 54, 1915, p. 67, no pl.
Formation: Cretaceous, Fox Hills sandstone
Location: Colorado Springs, Colorado
- *cretaceus* n. gen. and sp. Cragin
Amer. Geol., vol. 15, 1895, p. 90, no pl.
Formation: Cretaceous, Fox Hills division
Location: On east slope of Shooks Run, on Platte Ave., Colorado
Springs, Colorado
- Septifera sturgisensis* n. sp. Whitfield and Hovey
Bull. Amer. Mus. Nat. Hist., vol. 22, 1906, p. 393, no pl.
Formation: Jurassic
Location: Black Hills
- Serpula* see *Diploconcha*

Serpula (Linne) Gardner

- Maryland Geol. Sur., U. Crét., 1916, p. 745, no pl.
- **circularis** n. sp. Weller
Geol. Sur. N. J. Pal., vol. 4, 1907, p. 307, pl. XIX, figs. 5,6,
Formation: Cretaceous, Marshalltown clay-marl
Location: Swedesboro, New Jersey
See *Vermetus circularis* Gardner Md. Geol. Sur. U. Cret.
- cf. **convoluta** (Goldfuss) Ravn
Meddelelser om Grönland, vol. 45, 1911, p. 453
Formation: Jurassic
Location: Store Koldeway Island
- cf. **convoluta** (Goldfuss) Ravn
Copenhagen Univ., Min. and Geol. Mus., Comm. Paleont. No. 10,
1911, p. 453
Formation: Jurassic
Location: Store Koldeway Island
- **gardialis** (Schlotheim) Cragin
U. S. Geol. Sur. Bull. 266, 1905, p. 37, pl. II, figs. 5-6
Formation: Jurassic
Location: Malone, Texas
- **intrica** (White) Logan
Kan. Univ. Geol. Sur., vol. 4, 1898, p. 484, pl. C, fig. 1
Formation: Cretaceous, Ornithostoma beds on Smoky Hill River
Location: South of Grove City
- **intrica** (White) Stanton
U. S. Geol. Sur. Bull. 106, 1893, p. 53, pl. I, fig. 1
Formation: Cretaceous
Location: Southeast of Paria, Utah
- **jonahensis** n. sp. Cragin
Texas Geol. Sur., 4th Ann. Rept., 1893, p. 260, pl. XXIX,
figs. 12-14
Formation: Cretaceous, Austin chalk, Ponderosa marl
Location: 2 miles below Jonah Postoffice, Williamson County, on
San Gabriel River, Texas
- **markmani** n. sp. Henderson
U. S. Nat. Mus. Proc., vol. 34, 1908, p. 263, pl. XIII, figs. 8, 9
Formation: Cretaceous, Pierre, Fossil Ridge
Location: 5-7 miles south of Fort Collins, Colorado
- **paluxiensis** n. sp. Hill
Wash. Biol. Soc. Proc., vol. 8, 1893, p. 21, pl. I, figs. 4, 4a, 4b
Formation: Cretaceous, Basement horizon of Glen Rose
Location: Texas
- **plana** n. sp. Logan
Kan. Univ. Geol. Sur., vol. 4, 1898, p. 443, pl. CXIX, fig. 2
Formation: Cretaceous, upper shales of Fort Benton group
Location: Kansas
- **rotula** (Morton) Weller
Geol. Sur. N. J. Pal., vol. 4, 1907, p. 308, pl. XIX, figs. 8-10
Formation: Cretaceous, Vinictown limesand
Location: Vincetown, New Jersey
- sp. Madsen

- Meddelelser om Grönland, vol. 29, 1903, p. 173
 Formation: Jurassic
 Location: Aucella river, S. W. of Jameson's Land
- *sp. Ravn*
 Meddelelser om Grönland, vol. 45, 1911, p. 453
 Formation: Jurassic
 Location: "Trækpasset" Store Koldeway Island, Greeland
- *sp. Ravn*
 Copenhagen Univ., Min. and Geol. Comm. Paleont., No. 10, 1911, p. 453
 Formation: Jurassic
 Location: "Trækpasset" Store Koldeway Island, Greeland
- *sp. Cragin*
 U. S. Geol. Sur. Bull. 266, 1905, p. 37, pl. II, fig. 4
 Formation: Jurassic
 Location: Malone, Texas
- *tenuicarinata* (M. & H.) Stanton
 U. S. Geol. Sur. Bull. 106, 1893, p. 53, pl. I, fig. 2
 Formation: Cretaceous, Fort Benton group
 Location: Mouth of Vermillion River, South Dakota, on the Missouri
- ? *tenuicarinata* (M. & H.) Logan
 Kan. Univ. Geol. Sur., vol. 4, 1898, p. 484, pl. LXXXVI, fig. 4
 Formation: Cretaceous, Niobrara
 Location: Kansas
- *trigonalis* n. sp. Gardner
 Maryland Geol. Sur., U. Cret., 1916, p. 746, pl. XLVII, fig. 15
 Formation: Cretaceous, Rancocas
 Location: Delaware
- *whitfieldi* n. sp. Weller
 Geol. Sur. N. J. Pal., vol. 4, 1907, p. 308, pl. XIX, fig. 2
 Formation: Cretaceous, Navesink marl
 Location: Crosswicks creek, New Jersey
- *whitfieldi* (Weller) Gardner
 Maryland Geol. Sur., U. Cret., 1916, p. 746, no pl.
 Formation: Cretaceous, Monmouth
 Location: New Jersey
- Serpulorbis* (Sassi) Gardner
 Maryland Geol. Sur., U. Cret., 1916, p. 482, no pl.
 Formation: Cretaceous
- ? *Serpulorbis marylandica* n. sp. Gardner
 Maryland Geol. Sur., U. Cret., 1916, p. 482, pl. XVII, figs. 8, 9
 Formation: Cretaceous, Monmouth
 Location: Prince George's County, Maryland
- Serrifusus* ? *crosswickensis* n. sp. Whitfield
 Geol. Sur. N. J., vol. 2, 1892, p. 63, pl. V, figs. 24-25
 Formation: Cretaceous, Lower Green Marls
 Location: New Jersey
- *crosswickensis* n. sp. Whitfield
 U. S. Geol. Sur., Mon. 18, 1892, p. 63, pl. V, figs. 24, 25
 Formation: Cretaceous, Lower Green Marls

- Location: Crosswicks, New Jersey
- Serrifusus** (Meek) Gardner
Maryland Geol. Sur., U. Cret., 1916, p. 454, no pl.
Formation: Cretaceous
- **crosswicksensis** (Whitfield) Weller
Geol. Sur. of N. J. Pal., vol. 4, 1907, p. 761, pl. LXXXIX, figs. 14-17
Formation: Cretaceous, Navesink marl
Location: New Jersey
- (**Lirofusus**) **nodocarinatus** n. sp. Whitfield
U. S. Geol. Sur. of N. J. Pal., vol. 2, 1892, p. 64, pl. V, figs. 22, 23
Formation: Cretaceous, Lower Green Marls
Location: New Jersey
- (**Lirofusus**) **nodocarinatus** n. sp. Whitfield
U. S. Geol. Sur., Mon. 18, 1892, p. 64, pl. V, figs. 22, 23
Formation: Cretaceous, Lower Green Marls
Location: Marlborough, New Jersey
- **nodocarinatus** (Whitfield) Weller
Geol. Sur. of N. J. Pal., vol. 4, 1907, p. 760, pl. LXXXIX, fig. 13
Formation: Cretaceous, Navesink marl
Location: New Jersey
- Serrifusus nodocarinatus** (Whitfield) Gardner
Maryland Geol. Sur., U. Cret., 1916, p. 456, no pl.
Formation: Cretaceous, Monmouth
Location: Maryland; New Jersey
- Shastites** n. sbgen. Hyatt and Smith
U. S. Geol. Sur. Prof. Paper 40, 1905, p. 180, no pl.
Formation: Triassic
Location: Shasta County, California
- Sibiritidae** (Mojsisovics) Hyatt and Smith
U. S. Geol. Sur., Prof. Paper 40, 1905, p. 48
Formation: Triassic
- Sibirites noetlingi** n. sp. Hyatt and Smith
U. S. Geol. Sur. Prof. Paper 40, 1905, p. 49, pl. IX, figs. 1-3
Formation: Triassic
Location: Inyo County, California
- Sibyllites** (Mojsisovics) gen. Hyatt and Smith
U. S. Geol. Sur. Prof. Paper 40, 1905, p. 57, no pl.
Formation: Triassic
- **louderbacki** n. sp. Hyatt and Smith
U. S. Geol. Sur. Prof. Paper 40, 1905, p. 58, pl. LXXIV, figs. 10-12
Formation: Triassic
Location: Nevada
- Sigaretus costatus** n. sp. Cooper
Cal. Acad. Sci. Proc. 2nd ser. vol. 6, 1896, p. 332, pl. XLVII,
fig. 6
Formation: Cretaceous
Location: San Joaquin Mine, California
- (**Eunaticina**) **textiles** n. sp. Stanton
U. S. Geol. Sur. Bull. 106, 1893, p. 139, pl. XXX, figs. 5, 6
Formation: Cretaceous
Location: Upper Kanab valley, Utah
- (**Eunaticina**) **textiles** (Stanton) Herrick and Johnson

Denison Univ. Sci. Lab. Bull. vol. 11, art. 9, 1900, pl. XLII, figs 5-6

Formation: Cretaceous

Location: New Mexico

Siliqua cretacea (Gabb) Weller

Geol. Sur. of N. J. Pal. vol. 4, 1907, p. 628, pl. LXXI, figs. 1-2

Formation: Navesink marl

Location: New Jersey

— **huerfanensis** n. sp. Stanton

U. S. Geol. Sur. Bull. 106, 1893, p. 114, pl. XXV, figs. 10-11

Formation: Cretaceous, Pugnellus sandstone

Location: On Williams Creek and other places in Huerfano park, Colorado; Coalville, Utah

— **huerfanensis** (Stanton) Herrick and Johnson

Denison Univ. Sci. Lab. Bull. vol. 11, art. 9, 1900, pl. XL, figs. 10-11, (no description)

Formation: Cretaceous

Location: Near Albuquerque, New Mexico

Siliquaria pauperata n. sp. Whitfield

Geol. Sur. N. J. vol. 2, 1892, p. 149, pl. XVIII, figs. 26-28

Formation: Cretaceous, Lower Green Marls

Location: New Jersey

— **pauperata** n. sp. Whitfield

U. S. Geol. Sur. Mon. 18, 1892, p. 149, pl. XVIII, figs. 26-28

Formation: Cretaceous, Lower Green Marls

Location: New Jersey

— **pauperata** (Whitfield) Weller

Geol. Sur. of N. J. Pal., vol. 4, 1907, p. 705, pl. LXXXIX, figs. 18-20

Formation: Cretaceous, Navesink marl

Location: New Jersey

Simbirskites see **Olcostephanus**

— (Pavlov) Roig

Secretaria de Agr. Comercio y Trabajo Bol. Especial, Habana, Cuba, 1920, p. 41

— (Pavlov) Burckhardt

Inst. Geol. de México, Bol. 29, 1912, p. 128

Formation: Jurassic

— **mexicanus** n. sp. Burckhardt

Inst. Geol. de México, Bol. 29, 1912, p. 129, Lám. XXXIV, figs. 18, 19, 21, 22

Formation: Jurassic, Upper Portlandian

Location: Cerro de las Liebres, Durango

— **mexicanus** (Burckhardt) Roig

Revista de Agr. Comercio y Trabajo año 2, No. 12, Habana, Cuba, 1919, p. 591, fig. 8

Formation: Jurassic

Location: Viñales, Cuba

— **mexicanus** (Burckhardt) Roig

Secretaria de Agr. Comercio y Trabajo Bol. Especial, Habana, Cuba, 1920, p. 41, pl. IX, figs. 1, 2

Formation: Jurassic, Portlandian

Location: Puerta del Ancón Laguna de Piedra

- *sp. Roig*
 Secretaria de Agr. Comercio y Trabajo Bol. Especial, Habana,
 Cuba, 1920, p. 43, pl. IX, fig. 4
 Formation: Jurassic, Portlandian
 Location: Puerta del Ancón
- Simoceras aguilerae** n. sp. Burckhardt
 Inst. Geol. de México, Bol. 23, 1906, p. 25, Lám. VIII, figs. 1-4
 Formation: Jurassic, Kimeridgian
 Location: Mazapil, Mexico
- *cfr. dublieri* (d'Oorb. sp.) Burckhardt
 Inst. Geol. de México, Bol. 23, 1906, p. 27, Lám. VII, figs. 5-14
 Formation: Jurassic, Kimeridgian
 Location: Mazapil, Mexico
- Simlotrochus** (?) **Vancouverensis** Whiteaves
 Geol. Sur. Can., Mesozoic Fossils, vol. 1, pt. 5, 1903, p. 406, no pl.
 Formation: Cretaceous
 Location: Hornby Island
- Siphonaria capuloides** n. sp. Cooper
 Cal. State Min. Bureau Bull. 4, 1894, p. 47, pl. II, figs. 38-39
 Formation: Cretaceous
 Location: Point Loma, California
- Sirenites** (Mojsisovics) Hyatt and Smith
 U. S. Geol. Sur. Prof. Paper 40, 1905, p. 198, no pl.
 Formation: Triassic
- *lawsoni* n. sp. Hyatt and Smith
 U. S. Geol. Sur. Prof. Paper 40, 1905, p. 198, pl. XLVI, figs.
 16-17; pl. XLVII, figs. 1-9
 Formation: Triassic
 Location: Shasta County, California
- *smithi* n. sp. Burckhardt
 Inst. Geol. de México, Bol. 21, 1905, p. 7, Lám. I, figs. 1a, b
 Formation: Upper Triassic
 Location: Puente del Ahogado, Zacatacas
- Sistrum** (*Ricinula*?) **cretaceum** n. sp. Cooper
 Cal. Acad. Sci. Proc., vol. 6, 1896, p. 330, pl. XLVII, figs. 12
 Formation: Cretaceous
 Location: Morley, Shasta County, California
- Solariella** see *Margarita*
- Solariella** (*radiatula*?) var. **occidentalis** Whiteaves
 Geol. Sur. Can., Mesozoic Fossils, vol. 1, pt. 5, 1903, p. 368, pl.
 XLV, figs. 5, 5a
 Formation: Cretaceous
 Location: Brennan Creek, Vancouver Island, Nanaimo River,
 Vancouver Island
- Solarium** (*Lamarck*) Gardner
 Maryland Geol. Sur., U. Cret., 1916, p. 493, no pl.
- *chickasaense* n. sp. Cragin
 Col. Coll. Studies, 5th Ann. Pub. 1894, p. 63, no pl.
 Formation: Cretaceous, Comanche Peak limestone
 Location: Oklahoma
- *monmouthensis* n. sp. Gardner
 Maryland Geol. Sur., U. Cret., 1916, p. 494, pl. XIII, fig. 7

- Formation: Cretaceous, Monmouth
 Location: Prince George's County, Maryland
- Solecurtus (?) dubius** n. sp. Stanton
 U. S. Geol. Sur. Bull. 133, 1895, p. 61, pl. X, figs. 4, 5
 Formation: Cretaceous, Knoxville beds
 Location: Cottonwood creek, Tehama County, California
- Solemya bilix** (White) Stanton and Vaughan
 U. S. Geol. Sur. Prof. Paper 128A, 1920, p. 19, pl. I, figs. 1a and 1b
 Formation: Cretaceous, Cannonball
 Location: Manden, North Dakota
- ? **obscura** n. sp. Stanton
 U. S. Geol. Sur. Bull. 106, 1893, p. 95, pl. XXI, fig. 8
 Formation: Cretaceous, Pugnellus sandstone
 Location: Poison canyon, Huerfano park, Colorado
- ? **obscura** (Stanton) Herrick and Johnson
 Denison Univ. Sci. Lab. Bull. vol. 11, art. 9, 1900, pl. XXXVIII,
 fig. 8, (no description)
 Formation: Cretaceous
 Location: near Albuquerque, New Mexico
- ? **obscura** (Stanton) Shimer and Bodgett
 Amer. Jour. Sci. 4th ser., vol. 25, 1908, p. 64
 Formation: Cretaceous, Fort Benton or possibly Niobrara
 Location: New Mexico
- **occidentalis** n. sp. Stanton
 U. S. Geol. Sur. Bull. 133, 1895, p. 55, pl. X, figs. 2, 3
 Formation: Cretaceous, Knoxville beds
 Location: Paskenta, California
- ? **Solen cuneatus** (Gabb) Johnson
 School of Mines Quart., vol. 24, No. 2, 1903, p. 197, pl. I, fig. 4
 Formation: Cretaceous, Fort Pierre age
 Location: Santa Rosa mountain, New Mexico
- **cuneatus** (Gabb) Johnson
 Columbia Univ. Contr. Geol. Dept., vol. 10, No. 90, 1903, p. 125,
 pl. I, fig. 4
 Formation: Cretaceous, Fort Pierre
 Location: Santa Rosa mountain, New Mexico
- Solenoceras** see **Ptychoceras**
- (Conrad) Whitfield
 Geol. Sur. N. J., vol. 2, 1892, p. 271, no pl.
- (Conrad) Whitfield
 U. S. Geol. Sur., Mon 18, 1892, p. 271, no pl.
- Solyma** (Conrad) Gardner
 Maryland Geol. Sur., U. Cret., 1916, p. 701, no pl.
- **lineolata** (Conrad) Weller
 Geol. Sur. N. J. Pal., vol. 4, 1907, p. 629, pl. LXXI, figs. 3-6
 Formation: Cretaceous, Cliffwood clay, Merchantville clay-marl,
 Woodbury clay, Wenonah sand, Red Bank sands
 Location: New Jersey; Georgia
- **lineolata** (Conrad) Gardner
 Maryland Geol. Sur., U. Cret., 1916, p. 701, pl. XXXVI, figs. 20, 21
 Formation: Cretaceous, Magothy, Matawan

- Location: Maryland; New Jersey; District of Columbia
Sonneratia acuto-carinata (Shum.) (bei Marcou nach Stienman) Lasswitz
 Geol. and Pale. Abh. N. F. 6, Heft. 4, 1904, p. 20, Taf. V (XVII), fig. 1
 Formation: Cretaceous
 Location: Texas
- **acuto-carinata** (Shum. Typus) Lasswitz
 Geol. and Pale. Abh. N. F. 6, Heft. 4, 1904, p. 21, Taf. V (XVII), fig. 1
 Formation: Cretaceous
 Location: Texas
- **acuto-carinata** (Shum.) (var. **multifida** Steinman) Lasswitz
 Geol. and Pale. Abh. N. F. 6, Heft. 4, 1904, p. 22, Taf. V (XVII), fig. 2
 Formation: Cretaceous
 Location: Texas
- **rogersi** n. sp. Hall and Ambrose
 Nautilus, vol. 30, No. 6, p. 69
 Formation: Cretaceous, Horsetown
 Location: Carnegie, California
- **stantoni** n. sp. Anderson
 Cal. Acad. Sci. Proc. 3d ser. Geol., vol. 2, No. 1, 1902, p. 105, pl. III, figs. 91-93; pl. X, fig. 198
 Formation: Cretaceous, Horsetown
 Location: Shasta County, California
- Supani** n. sp. Lasswitz
 Geol. and Pale. Abh. N. F. 6, Heft. 4, 1904, p. 22, Taf. IV (XVI), fig. 3
 Formation: Cretaceous
 Location: Texas
- Sowerbyceras inflatum** n. sp. Burckhardt
 Inst. Geol. de México, Bol. 29, 1912, p. 43, Lám. VIII, figs. 7-16
 Formation: Jurassic, Kimeridgian
 Location: San Pedro del Gallo, Durango
- **pompeckji** n.sp. Burckhardt
 Inst. Geol. de México, Bol. 29, 1912, p. 45, Lám. IX, figs. 1-5, 11
 Formation: Jurassic, Kimeridgian
 Location: San Pedro del Gallo, Durango
- Sphaerium formosum** (Meek and Hayden) Stanton and Hatcher
 U. S. Geol. Sur. Bull. 257, 1905, p. 111, no pl.
 Formation: Cretaceous, Judith River beds
 Location: Montana
- **planum** (Meek and Hayden) Stanton and Hatcher
 U. S. Geol. Sur. Bull. 257, 1905, p. 111, no pl.
 Formation: Cretaceous, Judith River beds
 Location: Montana
- **reticardinale** (Meek and Hayden) Stanton and Hatcher
 U. S. Geol. Sur. Bull. 257, 1905, p. 111, no pl.
 Formation: Cretaceous, Judith River beds
 Location: Montana

Sphaerucaprina Felixi n. sp. Boehm

Zeit. Duet. Geol. Gesell., vol. 50, 1898, p. 329, fig. 6

Locality: Cerro Escamelo bei Orizaba Mexico

Lenki n. sp.

Zeit. Duet. Geol. Gesell., vol. 50, 1898, p. 330, fig. 7

Formation: Cretaceous

Locality: Cerro Escumela bei Orizaba Mexico

-- occidentalis (Con.) Boehm

Zeit. Duet. Geol. Gesell., vol. 50, 1898, p. 324, fig. 1

Formation: Cretaceous

Locality: Sierra de la Boca del Abra Mexico

-- sp. Boehm

Zeit. Duet. Geol. Gessell., vol. 50, 1898, p. 330, fig. 8

Formation: Cretaceous

Locality: Cerro Escamla bei Orizaba

Sphenodiscus see **Ammonites****-- (Meek)** Hyatt

U. S. Geol. Sur. Mon. vol. 44, 1903, p. 58, no pl.

Formation: Cretaceous

-- (Meek) Gardner

Maryland Geol. Sur., U. Cret., 1916, p. 388, no pl.

-- beecheri n. sp. Hyatt

U. S. Geol. Sur., Mon. vol. 44, 1903, p. 78, pl. VI, figs. 3, 4; pl.

IX, fig. 10

Formation: Cretaceous

Location: Fox Hills, South Dakota

-- belviderensis (Crag.) Cragin

Colo. Coll. Studies, vol. 8, 1900, p. 27, no pl.

Formation: Cretaceous

Location: Texas; Kansas

-- belvidernsis var. **clavatus** Cragin

Colo. Coll. Studies, vol. 8, 1900, p. 30, pl. II, figs. 1-3

Formation: Cretaceous, Comanche Peak limestone

Location: Tarrant County, Texas

-- belviderensis var. **mentorianus** Cragin

Colo. Coll. Studies, vol. 8, 1900, p. 31, pl. I, figs. 6, 7

Formation: Cretaceous, Mentor beds

Location: Brookville, Kansas

-- beleviderensis var. **mons-comancheanus** Cragin

Colo. Coll. Studies, vol. 8, 1900, p. 29, pl. I, fig. 5

Formation: Cretaceous, Comanche Peak limestone

Location: Tarrant County, Texas

-- belviderensis var. **serpentinus** Cragin

Colo. Coll. Studies, vol. 8, 1900, p. 31, pl. II, figs. 4-6

Formation: Cretaceous, Pawpaw clays

Location: Denison, Texas

-- belviderensis var. **uddeni** Cragin

Colo. Coll. Studies, vol. 8, 1900, p. 30, pl. I figs. 3, 4

Formation: Cretaceous, Kiowa shale

Location: Kansas

-- dumblii n. sp. Cragin

- Texas Geol. Sur., 4th Ann. Rept., 1893, p. 243, pl. XLIV, fig. 6
Formation: Cretaceous, Eagle Ford shales
Location: On Hackberry Creek and at Keenan's crossing of the Trinity River in Dallas County, Texas
- *emarginatus* n. sp. Cragin
Texas Geol. Sur., 4th Ann. Rept., 1893, p. 245, no pl.
Formation: Cretaceous
Location: 2 miles south of Mount Pleasant, Texas
- *hilli* Hyatt
Leland Stanford Junior Univ. Pub. 1914, p. 1-30, pl. X, fig. 11
Formation: Cretaceous
Location: Texas
- *lenticularis* (Owen) Whitfield
Geol. Sur. N. J., vol. 2, 1892, p. 258, pl. XLI, figs. 8, 9
Formation: Cretaceous, Middle Marls
Location: New Jersey
- *lenticularis* (Owen) Whitfield
U. S. Geol. Sur., Mon. 18, 1892, p. 258, pl. XLI, figs. 8,9
Formation: Cretaceous, Middle Marls
Location: Tinton Falls, New Jersey
- *lenticularis* (Owen) Cragin
Texas Geol. Sur., 4th Ann. Rept., 1893, p. 245, no pl.
Formation: Cretaceous, Escondido?
Location: Texas
- *lenticulare* (Owen) sp. Herrick and Johnson
Denison Univ. Sci. Lab. Bull., vol. 11, art. 9, 1900, p. 213, no pl.
Formation: Cretaceous
Location: Rio Puerco Valley, New Mexico
- *lenticularis* (Owen) Hyatt
U. S. Geol. Sur., Mon. 44, 1903, p. 71, pl. VIII, figs. 1, 2;
pl. IX, figs. 1-6
Formation: Cretaceous
Location: Moreau River, South Dakota; Rock Creek, Wyoming
- *lenticularis* (Owen) Böse
Inst. Geol. de México, Bol. 30, 1914, p. 20, Lám. I, figs. 2-5
Formation: Upper Senonian
Location: Coahuila
- *lenticularis* var. *mississippiensis* Hyatt
U. S. Geol. Sur. Mon. 44, 1903, p. 77, pl. IX, figs. 7-9
Formation: Cretaceous
Location: Mississippi; South Carolina
- *lenticularis* var. *splendens* Hyatt
U. S. Geol. Sur., Mon. 44, 1903, p. 75, pl. VIII, figs. 3-7
Formation: Cretaceous, Fox Hills group
Location: South Dakota
- *lobatus* (Toumey) Gardner
Maryland Geol. Sur., U. Cret., 1916, p. 388, pl. XIII, fig. 10
Formation: Cretaceous, Monmouth, Ripley, Fox Hills
Location: Maryland; New Jersey; Mississippi; Western Interior
- *lobatus* (Toumey) Weller
Geol. Sur. of N. J. Pal. vol. 4, 1907, p. 828, pl. CVI, figs. 1-2

- Formation: Cretaceous, Tinton beds
Location: New Jersey; Alabama; Mississippi
- **lobatus** (Toumey) Hyatt
U. S. Geol. Sur., Mon. 44, 1903, p. 66, pl. VI, figs. 1, 2; pl. VII, figs. 1, 2; pl. IX, figs. 11-13
Formation: Cretaceous, Ripley group
Location: New Jersey and Mississippi
- **pleurisepta** (Conrad) Hyatt
U. S. Geol. Sur., Mon. 44, 1903, p. 59, pl. III, figs. 7-15; pl. IV, fig. ; pl. V, figs. 1-3; pl. VI, fig. 6
Formation: Cretaceous
Location: Laredo, Rio Pecos, and Eagle Pass, Texas
- **pleurisepta** (Conrad) Lasswitz
Geol. and Pale. Abh. N. F. 6, Heft. 4, 1904, p. 11 Taf. II (XIV), fig. 3
Formation: Cretaceous
Location: Texas
- **roemeri** n. sp. Cragin
Texas Geol. Sur., 4th Ann. Rept., 1893, p. 245, pl. XLVI, fig. 1
Formation: Cretaceous, Alternating beds
Location: On Bosque River at Iredell, Bosque County, Texas
- **stantoni** n. sp. Hyatt
U. S. Geol. Sur. Mon. 44, 1903, p. 70, pl. V, fig. 4; pl. VI, fig. 5
Formation: Cretaceous
Location: Eagle Pass, Texas
- Spiriferina alia** (Hall and Whitfield) Smith
U. S. Geol. Sur. Prof. Paper. 83, 1914, p. 147, pl. XCIV, fig. 1
Formation: Triassic
Location: Pahute Range (East Range), Nevada
- **homfrayi** (Gabb) Smith
U. S. Geol. Sur. Prof. Paper 83, 1914, p. 147, pl. XCIV, figs. 12, 14
Formation: Triassic
Location: West Humboldt Range, East Range and Desatoya mountains, Nevada
- Spiroplecta americania** (Ehrenberg) Woodward and Thomas
Minn. Geol. and Nat. Hist. Sur., vol. 3, pt. 1, 1895, p. 31, pl. C, figs. 12-14
Formation: Cretaceous
Location: Minnesota; Nebraska; Illinois
- **americana** (Ehrenberg) Woodward
New York Microscopical Soc. Journ., vol. 10, No. 4, 1894, p. 96,
Formation: Cretaceous
Location: Timber Creek, New Jersey
- Spiropora calamus** (Gabb and Horn) Weller
Geol. Sur. N. J. Pal., vol. 4, 1907, p. 324, pl. XXII, fig. 10
Formation: Cretaceous, Vincentown limestone
Location: Timber Creek, New Jersey
- Spirobis inexpectatus** n. sp. Warner
Phila. Acad. Nat. Sci. Proc., vol. 73, 1921, p. 36, pl. III, fig. 3
Formation: Triassic
Location: Little Conewago Creek, York County, Penn.
- Spisula ashburnerii** (Gabb) Packard

- Univ. Cal. Dept. Geol. Bull., vol. 9, 1916, p. 298, pl. XXVI,
figs. 4, 5
Formation: Cretaceous, Horsetown, Chico
Location: Butte County, California
- (*Cymbophora*) *berryi* n. sp. Gardner
Maryland Geol. Sur., U. Cret., 1916, p. 708, pl. XLIII, figs. 2, 3
Formation: Cretaceous, Monmouth
Location: Maryland
- *chicoensis* n. name Packard
Univ. Cal. Pub. Dept. Geol. Bull., vol. 9, 1916, p. 300, pl. XXVII,
figs. 6, 7
Formation: Cretaceous, Chico
Location: California
- *gabbiana* (Anderson) Packard
Univ. Cal. Pub. Dept. Geol. Bull., vol. 9, 1916, p. 229, pl. XXVII,
fig. 2
Formation: Cretaceous, Chico
Location: California
- (Gray) Gardner
Maryland Geol. Sur., U. Cret., 1916, p. 706, no pl.
Formation: Cretaceous
Location: Maryland
- (*Cymbophora*) *wordeni* n. sp. Gardner
Maryland Geol. Sur., U. Cret., 1916, p. 709, pl. XLIII, figs. 4, 5
Formation: Cretaceous, Monmouth
Location: Maryland
- Spiticeras* (Uhlig) Burckhardt
Inst. Geol. de México, Bol. 29, 1912, p. 172, no pl.
Formation: Cretaceous
Location: Mexico
- *binodum* n. sp. Burckhardt
Inst. Geol. de México, Bol. 29, 1912, p. 176, Lám. XLII, figs. 6-9,
11-31; Lám. XLIII, fig. 15
Formation: Cretaceous, Berriasian
Location: Cerro del Aguajito, Durango
- *laeve* n. sp. Burckhardt
Inst. Geol. de México, Bol. 29, 1912, p. 182, Lám. XLIII, figs.
17-22, 24-27
Formation: Cretaceous, Berriasian
Location: Cerro del Aguajito, Durango
- cfr. *Negreli* (Toucas) sp. Burckhardt
Inst. Geol. de México, Bol. 29, 1912, p. 175, Lám. XLIII,
figs. 1, 3, 6, 8
Formation: Cretaceous, Berriasian
Location: Cerro del Aguajito, Durango
- serpentinum* n. sp. Burckhardt
Inst. Geol. de México, Bol. 29, 1912, p. 180, Lám. XLIII, figs.
7, 9, 10, 13, 16,
Formation: Cretaceous, Berriasian
Location: Cerro del Aguajito, Durango
- n. sp. indt. Burckhardt

- Inst. Geol. de México, Bol. 29, 1912, p. 179, Lám. XLIII, figs. 3-5, 23
 Formation: Cretaceous, Berriasian
 Location: Cerro del Aguajito, Durango
- *juv. sp. indt.* Burckhardt
 Inst. Geol. de México, Bol. 29, 1912, p. 178, Lám XLII, fig. 10; Lám. XLIII, fig. 14
 Formation: Cretaceous, Berriasian
 Location: Cerro del Aguajito, Durango
- *uhligi* n. sp. Burckhardt
 Inst. Geol. de México, Bol. 29, 1912, p. 173, Lám. XLI, fig. 5; Lám. XLII, figs. 1, 3-5
 Formation: Cretaceous, Berriasian
 Location: Cerro del Aguajito, Durango
- Spondylus cragini* n. sp. Whitney
 Texas Acad. Sci. Trans., vol. 12, 1913, p. 13, pl. II, figs. 7, 8
 Formation: Cretaceous, Buda limestone
 Location: Shoal Creek, Austin, Texas
- *cragini* n. sp. Whitney
 Univ. of Texas Bull. 184, 1911, p. 13, pl. II, figs. 7, 8
 Formation: Cretaceous, Buda
 Location: Shoal Creek, Austin, Texas
- *fragilis* n. sp. Stanton
 U. S. Geol. Sur. Bull. 133, 1895, p. 35, pl. II, fig. 3
 Formation: Cretaceous, Knoxville beds
 Location: Cottonwood Creek, Tehama County, California
- *gregalis* (Morton) Weller
 Geol. Sur. of N. J. Pal., vol. 4, 1907, p. 486, pl. LIII, figs. 1-3
 Formation: Cretaceous, Navesink marl
 Location: New Jersey
- *hilli* n. sp. Cragin
 Texas Geol. Sur., 4th Ann. Rept., 1893, p. 211, pl. XXXIII, figs. 1-3
 Formation: Cretaceous, Fort Worth limestone
 Location: About 1½ miles east of Georgetown on the San Gabriel River, Texas
- (sp. uncertain) Whiteaves
 Can. Geol. Sur., Mesozoic Fossils, vol. 1, pt. 5, 1903, p. 400, no pl.
 Formation: Cretaceous
 Location: Extention mine near Nanamio, Vancouver Island
- *sp. Shattuck*
 U. S. Geol. Sur. Bull. 205, 1903, p. 20, pl. VIII, figs. 1-3
 Formation: Cretaceous
 Location: Shoal Creek, Austin, Texas
- *texanus* n. sp. Whitney
 Texas Acad. Sci. Trans., vol. 12, 1913, p. 14, pl. II, figs. 1-3
 Formation: Cretaceous, Buda limestone
 Location: 30th street, Shoal Creek, Austin, Texas
- *texanus* n. sp. Whitney
 Univ. of Texas Bull. 184, 1911, p. 14, pl. II, figs. 1-3
 Formation: Cretaceous, Buda

- Location: Shoal Creek, Austin
Squama n. gen. Logan
 Kans. Univ. Geol. Sur., vol. 4, 1898, p. 499, no fig.
- **lata** n. sp. Logan
 Kans. Univ. Quart., vol. 6, 1897, No. 4, Oct., series A, p. 188
 Formation: Upper Cretaceous, Niobrara
 Location: Trego County, Kansas
- **lata** Logan
 Kans. Univ. Geol. Sur., vol. 4, 1898, p. 500, pl. CX, fig. 4
 Formation: Cretaceous, Upper Niobrara
 Location: Trego County, Kansas
- **spissa** n. sp. Logan
 Kan. Univ. Quart., vol. 6, 1897, No. 4, Oct., ser. A, p. 187
 Formation: Cretaceous, Niobrara
 Location: Jewell County, Kansas
- **spissa** Logan
 Kan. Univ. Geol. Sur., vol. 4, 1898, p. 500, pl. CX, fig. 3
 Formation: Cretaceous, Ornithostoma beds
 Location: Jewell County
- Stantonites** n. subgen. Hyatt and Smith
 U. S. Geol. Sur. Prof. Paper 40, 1905, p. 185, no pl.
 Formation: Triassic
 Location: Shasta County, California
- Stantonoceras** n. gen. (Genotype *S. pseudocostatum*) Johnson
 School of Mines Quart., vol. 24, No. 2, 1903, p. 208
- n. gen. Johnson
 Columbia Univ. Cont. Geol. Dept., vol. 10, No. 90, 1903, p. 136
- ? **Stantonoceras guadaloupæ** (Rømer) sp. ? Johnson
 School of Mines Quart., vol. 24, No. 2, 1903, p. 209, See Rømer,
 1852, Kreide V, Tex., p. 32, pl. II, figs. 1a, b, c
 Formation: Cretaceous: Fort Pierre age
 Location: Madrid, New Mexico
- Stantonoceras guadaloupæ** (Rømer) sp. Johnson
 Columbia Univ. Contr. Geol. vol 10, No. 90, 1903, p. 137
 Formation: Fort Pierre
 Location: Madrid, New Mexico
- **pseudocostatum** n. sp. Johnson
 School of Mines Quart., vol. 24, No. 2, 1903, p. 209, pl. X, figs.
 29, a; pl. XI, figs. 29, b, c
 Formation: Cretaceous
 Location: Waldo, New Mexico
- **pseudocostatum** n. sp. Johnson
 Columbia Univ. Contr. Geol. Dept., vol. 10, No. 90, 1903, p. 137,
 pl. X, fig. 29a; pl. XI, figs. 29b, c
 Formation: Cretaceous
 Location: Waldo, New Mexico
- Stauractinella** ? sp. Merrill
 Harv. Coll. Mus. Comp. Zool. Bull., vol. 28, No. 1, 1896, p. 19,
 fig. 34
 Formation: Cretaceous, Flint
 Location: Texas

- Steuroides** Cossmann emend nob. Burckhardt
 Inst. Geol. de México, Bol. 29, 1912, p. 163
 Formation: Jurassic-Cretaceous
- Steuroides durangense** n. sp. Burckhardt
 Inst. Geol. de México, Bol. 29, 1912, p. 168, Lám. XL, figs. 5, 7-10
 Formation: Jurassic-Cretaceous transition beds
 Location: Sierrita, Durango
- **lamellicostatus** n. sp. Burckhardt
 Inst. Geol. de México, Bol. 33, 1919, p. 167, Lám. XL, figs. 1-4, 6
 Formation: Jurassic-Cretaceous transition stage
 Location: Sierrita, Durango
- **nicoloense** n. sp. Whiteaves
 Ottawa Naturalist, vol. 23, No. 2, 1909, p. 21, pl. 1
 Formation: Jurassic ?
 Location: Nicola Valley, B. C.
- **varies especies indeterminadas** Burckhardt
 Inst. Geol. de México, Bol. 33, 1919, p. 57, Lám. XX, figs. 4-9,
 Lám. XXI, figs. 1, 2
 Formation: Jurassic
 Location: Torres, Ramirez Mexico
- Stiboriopsis** n. gen. Vaughan
 Harv. Coll. Mus. Comp. Zool. Bull., vol. 34, 1899, p. 237, pl.
 XXXVIII, fig. 4
 Formation: Cretaceous, Blue Mountain series
- **jamaicensis** n. sp. Vaughan
 Harv. Coll. Mus. Comp. Zool. Bull., vol. 34, 1899, p. 238, pl.
 XXXVIII, figs. 2-4
 Formation: Cretaceous, Blue Mountain series
 Location: Carigie Parish, Jamaica
- Stoliczka** *dispar* (d'Orb.) (*Stoliczka*) Anderson
 Cal. Acad. Sci. Proc., 3rd ser. Geol. vol. 2, No. 1, 1902, p. 106, no pl.
 Formation: Cretaceous, Horsetown beds
 Location: Cottonwood Creek, Shasta County, California
- *ex aff. dispar* (d'Orb.) Lasswitz
 Geol. and Pale. Abh. N. F. 6, Heft. 4, 1904, p. 19, Taf. IV [XVI],
 figs. 1, 2
 Formation: Cretaceous
 Location: Texas
- Stomatia** *intermedia* n. sp. Cooper
 Cal. State Mining Bureau Bull. No. 4, 1894, p. 46, pl. III, fig. 43
 Formation: Cretaceous
 Location: Point Loma, San Diego
- Stomatopora** *kümmeli* n. sp. (Ulrich and Bassler) Weller
 Geol. Sur. N. J. Pal., vol. 4, 1907, p. 314, pl. XX, fig. 4
 Formation: Cretaceous, Vincentown limestone
 Location: Vincentown, New Jersey
- Stomatopora** *kümmeli* (Ulrich and Bassler) Bassler
 Maryland Geol. Sur., U. Cret., 1916, p. 737, pl. XLVI, fig. 10
 Formation: Cretaceous, Rancocas
 Location: Delaware
- *regularis* (Gabb and Horn) Weller

- Geol. Sur. N. J. Pal., vol. 4, 1907, p. 313, pl. XX, figs. 1-3
 Formation: Cretaceous, Vincentown limestone
 Location: Vincentown, New Jersey
- **regularis** (Gabb and Horn) Bassler
 Maryland Geol. Sur., U. Cret., 1916, p. 736, pl. XLVI, fig. 11
 Formation: Cretaceous, Rancocas
 Location: Delaware; New Jersey
- **temnichorda** (Ulrich and Bassler) n. sp. Weller
 Geol. Sur. N. J. Pal., vol. 4, 1907, p. 314, pl. XX, figs. 5-6
 Formation: Cretaceous, Vincentown limestone
 Location: Vincentown, New Jersey
- Stomechinus hyatti** (Clark) Clark
 U. S. Geol. Sur. Bull. 97, 1893, p. 56, pl. XXIII, figs. 1a-e
 Formation: Jurassic
 Location: California
- **hyatti** (Clark) Clark and Twitchell
 U. S. Geol. Sur., Mon. 54, 1915, p. 33, pl. V, figs. 2a-e
 Formation: Jurassic, Monnon sandstone
 Location: Plumas County, California
- Stramentum** n. gen. Logan
 Kan. Univ. Quart., vol. 6, 1897, p. 188
- **haworthi** (Williston) Logan
 Kan. Univ. Geol. Sur., vol. 4, 1898, p. 498, pl. CXI
 Formation: Cretaceous
 Location: In yellow chalk near Gove City, Gove County
- See **Pollicipes haworthii** Williston
 Kan. Univ. Geol. Sur., vol. 2, 1896, p. 243, pl. XXXVI
- **haworthi** n. sp. Logan
 Kan. Univ. Quart., vol. 6, 1897, No. 4, Oct. ser. A, p. 188
 Formation: Cretaceous, Niobrara
 Location: Gove county, Kansas
- **tabulatum** n. sp. Logan
 Kan. Univ. Quart., vol. 6, 1897, No. 4, Oct. ser. A, p. 189
 Formation: Cretaceous, Niobrara
 Location: Smoky Hill River, Kansas
- **tabulatum** Logan
 Kan. Univ. Geol. Sur., vol. 4, 1898, p. 499, no pl.
 Formation: Cretaceous, Niobrara chalk
 Location: Smoky Hill River, Kansas
- Streblites** (Hyatt) (Uhlrig) Burckhardt
 Inst. Geol. de México, Bol. 29, 1912, p. 51
- **auriculatus** n. sp. Burckhardt
 Inst. Geol. de México, Bol. 29, 1912, p. 68, Lám. XV, figs. 18-21
 Formation: Jurassic, Kimeridgian
 Location: San Pedro del Gallo, Durango
- **complanatus** n. sp. Burckhardt
 Inst. Geol. de México, Bol. 29, 1912, p. 55, Lám. XII, figs. 4, 7-9
 Formation: Jurassic, Kimeridgian
 Location: San Pedro del Gallo, Durango
- **durangensis** n. sp. Burckhardt
 Inst. Geol. de México, Bol. 29, 1912, p. 66, Lám. XV, figs. 7-11, 17

- Formation: Jurassic, Kimeridgian
Location: San Pedro del Gallo, Durango
- **fasciger** n. sp. Burckhardt
Inst. Geol. de México, Bol. 29, 1912, p. 62, Lám. XII, fig. 6; Lám. XIII, figs. 9-12
Formation: Jurassic, Kimeridgian
Location: San Pedro del Gallo, Durango
- **mexicanspictus** n. sp. Burckhardt
Inst. Geol. de México, Bol. 29, 1912, p. 60, Lám. XIV, figs. 2, 3, 5, 6
Formation: Jurassic, Kimeridgian
Location: San Pedro del Gallo, Durango
- **nanus** n. sp. Burckhardt
Inst. Geol. de México, Bol. 29, 1912, p. 65, Lám. XV, figs. 15, 16, 22-24
Formation: Jurassic, Kimeridgian
Location: San Pedro del Gallo, Durango
- **pedroanus** n. sp. Burckhardt
Inst. Geol. de México, Bol. 29, 1912, p. 59, Lám. XIII, figs. 1-8; Lám. XIV, figs. 1, 4
Formation: Jurassic, Kimeridgian
Location: San Pedro del Gallo, Durango
- **pseudonimbatus** n. sp. Burckhardt
Inst. Geol. de México, Bol. 29, 1912, p. 67, Lám. XV, figs. 4, 12-14
Formation: Jurassic, Kimeridgian
Location: San Pedro del Gallo, Durango
- **serratus** n. sp. Burckhardt
Inst. Geol. de México, Bol. 29, 1912, p. 63, Lám. XV, figs. 1-3, 5-6
Formation: Jurassic, Kimeridgian
Location: San Pedro del Gallo, Durango
- **sparsiplicatus** n. sp. Burckhardt
Inst. Geol. de México, Bol. 29, 1912, p. 56, Lám. XII, figs. 1-3, 5, 10, 11
Formation: Jurassic, Kimeridgian
Location: San Pedro del Gallo, Durango
- **striatus** n. sp. Burckhardt
Inst. Geol. de México, Bol. 29, 1912, p. 57, Lám. XI, figs. 5, 13-16
Formation: Jurassic, Kimeridgian
Location: San Pedro del Gallo, Durango
- **uhligi** n. sp. Burckhardt
Inst. Geol. de México, Bol. 29, 1912, p. 52, Lám. XI, figs. 1-4, 6-12
Formation: Jurassic, Kimeridgian
Location: San Pedro del Gallo, Durango
- Surcula** (H. and A.) (Adams) Gardner
Maryland Geol. Sur., U. Cret., 1916, p. 419, no pl.
Formation: Cretaceous
- **amica** n. sp. Gardner
Maryland Geol. Sur., U. Cret., 1916, p. 420, pl. XIV, figs. 8, 9
Formation: Cretaceous, Monmouth
Location: Maryland
- **crenatospira** n. sp. Cooper
Cal. State Min. Bur. Bull. No. 4, 1894, p. 39, pl. I, figs. 2-4

- Formation: Cretaceous, Marysville Buttes
 Location: California
- (*raricosta* ? var.) **Hornbyensis** Whiteaves
 Geol. Sur. Can., Mesozoic Fossils, vol. 1, pt. 5, 1903, p. 355, no pl.
 Formation: Cretaceous
 Location: Hornby Island
- **incostans** n. sp. Cooper
 Cal. State Min. Bureau Bull. No. 4, 1894, p. 40, pl. II, figs. 21, 21
 Formation: Cretaceous
 Location: California
- **monilifera** n. sp. Cooper
 Cal. State Min. Bureau Bull. No. 4, 1894, p. 39, pl. II, figs. 28, 29
 Formation: Cretaceous
 Location: Marysville Butte, California
- **strigosa** (Gabb) Whitfield
 Geol. Sur. N. J. Pal., vol. 2, 1892, p. 105, pl. XIII, fig. 1
 Formation: Cretaceous, Lower Marl Beds
 Location: Holmdel, New Jersey
- **strigosa** (Gabb) Whitfield
 U. S. Geol. Sur., Mon. 18, 1892, p. 105, pl. XIII, fig. 1
 Formation: Cretaceous, Lower Green Marls
 Location: Holmdel, New Jersey
- Sycodes glaber** (Shumard) sp. Whiteaves
 Geol. Sur. Can., Mesozoic Fossils, vol. 1, pt. 5, 1903, p. 357, no pl.
 Formation: Cretaceous
 Location: Vancouver Island; Socia Islands
- Page 775a on
- Tancredia axiniformis** (Phillips sp.) Ravn
 Meddelelser om Grönland, vol. 45, 1911, p. 475, pl. XXXV, fig. 1
 Formation: Jurassic
 Location: "Klöst I" Store Koldewey Island; "4 Saenkning" Store
 Koldewey; Island Hochstetter's Foreland
- **axiniformis** (Phillips sp.) Ravn
 Copenhagen Univ. Min. and Geol. Mus. Comm. Paleont. No. 10,
 1911, p. 475, pl. XXXV, fig. 1
 Formation: Jurassic
 Location: "Klöst I" Store Koldewey Island; "4 Saenkning" Store
 Koldewey; Island Hochstetter's Foreland
- **bulboso** (Whitfield) Logan
 Kans. Univ. Quart., vol. 9, 1900, p. 122, pl. XXVIII, figs. 11, 12
 Formation: Jurassic
 Location: Freeze-out Hills, Wyoming
- **curtansata** (Phillips sp.) Ravn
 Meddelelser om Grönland, vol. 45, 1911, p. 474,
 Formation: Jurassic
 Location: "4 Saenkning" Store Koldewey Island
- **curtansata** (Phillips sp.) Ravn
 Copenhagen Univ. Min. and Geol. Mus. Comm. Paleont. No. 10,
 1911, p. 474
 Formation: Jurassic
 Location: "4 Saenkning" Store Koldewey Island

- *elongata* n. sp. Lundgren
Meddelelser om Grönland, vol. 19, 1895, p. 206, pl. IV, fig. 163.
Formation: Jurassic
Location: Kap Stewart, East Greenland
- *Jarneri* n. sp. Ravn
Meddelelser om Grönland, vol. 45, 1911, p. 475, pl. XXXV, fig. 3
Formation: Jurassic
Location: "Klöft II" Store Koldewey Island; "4 Sænkning" Store Koldewey Island; Hochstetter's Foreland
- *Jarneri* n. sp. Ravn
Copenhagen Univ. Min. and Geol. Mus. Comm. Paleont. No. 10, 1911, pl. XXXV, fig. 3
Formation: Jurassic
Location: "Klöft II" Store Koldewey Island; "4 Sænkning" Store Koldewey Island
- ? *knowltoni* n. sp. Stanton
U. S. Geol. Sur., Mon. 32, pt. 2, 1899, p. 621, pl. LXXIII, fig. 6
Formation: Jurassic, Ellis
Location: Yellowstone National Park
- *magna* n. sp. Logan
Kans. Univ. Quart., vol. 9, 1900, p. 123, pl. XXX, fig. 1
Formation: Jurassic
Location: Freeze-out Hills
- *planata* (Morris and Lycett) Ravn
Meddelelser om Grönland, vol. 45, 1911, p. 474, pl. XXXIII, fig. 10
Formation: Jurassic
Location: "Klöft I" Store Koldewey Island; "4 Sænkning" Store Koldewey Island
- *planata* (Morris and Lycett) Ravn
Copenhagen Univ. Min. and Geol. Mus. Comm. Paleont. No. 10, 1911, p. 474, pl. XXXIII, fig. 10
Formation: Jurassic
Location: "Klöft I" Store Koldewey Island; "4 Sænkning" Store Koldewey Island
- sp. cf. *angulata* Madsen
Meddelelser om Grönland, vol. 29, 1903, p. 184, pl. VI, fig. 18
Formation: Jurassic
Location: Mt. Nathorst, Greenland
- sp. Madsen
Meddelelser om Grönland, vol. 29, 1903, p. 185, pl. VI, fig. 19
Formation: Jurassic
Location: Aucella River, Jameson's Land
- *transversa* n. sp. Whitfield and Hovey
Location: Aucella River, Jameson's Land
Formation: Jurassic
Location: Black Hills
- Tapes** *Aldamensi* n. sp. Böse
Inst. Geol. de México, Bol. 25, 1910, p. 134, Lám. XXVIII, figs. 23-24
Formation: Vraconian
Location: Chihuahua

- *austinensis* n. sp. Whitney
Univ. of Texas Bull. No. 184, 1911, p. 19, pl. VI, figs. 8, 9
Formation: Cretaceous, Buda
Location: Shoal Creek, Austin
- *austinensis* n. sp. Whitney
Texas Acad. Sci. Trans., vol. 12, 1913, p. 19, pl. VII, figs. 8, 9
Formation: Cretaceous, Buda limestone
Location: Shoal Creek, Austin, Texas
- *belviderensis* n. sp. Cragin
Amer. Geol. vol. 14, 1894, p. 7, pl. I, figs. 12, 13
Formation: Cretaceous, Neocomian
Location: Belvidere, Kansas
- *Chihuahuensis* n. sp. Böse
Inst. Geol. de México, Bol. 25, 1910, p. 135, Lám. XXVIII, figs. 18-22
Formation: Vraconian
Location: Chihuahua
- ? *cuneovatus* n. sp. Cragin
U. S. Geol. Sur. Bull. 266, 1905, p. 79, pl. XIII, fig. 13
Formation: Jurassic
Location: Malone, Texas
- *cyrimeriformis* n. sp. Stanton
U. S. Geol. Sur. Bull. 106, 1893, p. 106, pl. XXIV, figs. 1-6
Formation: Cretaceous, Pugnellus sandstone
Location: Huerfano park, Colorado; and Coalville, Utah
- *cyrimeriformis* (Stanton) Herrick and Johnson
Denison Univ. Sci. Lab. Bull., vol. 11, art 9, 1900, pl. XXXII, figs. 6, 7
Formation: Cretaceous
Location: Valley east of Prieta mesa, New Mexico
- *Guadalupæ* n. sp. Böse
Inst. Geol. de México, Bol. 25, 1910, p. 135, Lám. XXVIII, fig. 25; Lám. XXIX, fig. 11
Formation: Vraconian
Location: Chihuahua
- *Whitei* n. sp. Böse
Inst. Geol. de México, Bol. 25, 1910, p. 133, Lám. XXVIII, figs. 13-15
Formation: Vraconian
Location: Chihuahua
- Tardeceras* n. gen. Hyatt and Smith
U. S. Geol. Sur. Prof. Paper 40, 1905, p. 44, no pl.
- Tardeceras parvum* n. sp. Hyatt and Smith
U. S. Geol. Sur. Prof. Paper 40, 1905, p. 44, pl. LXXIX, figs. 11-20
Formation: Triassic
Location: Shasta County, California
- Tectaplica* n. gen. Wade
Phila. Acad. Nat. Sci. Proc. 1916, vol. 68, p. 457
- *simplica* n. sp. Wade
Phila. Acad. Nat. Sci. Proc. 1916, vol. 68, p. 457, pl. XXIII, fig. 4

- Formation: Upper Cretaceous, Ripley
Location: Coon Creek, McNairy County, Tenn.
- Tellina** (Lamarck) Gardner
Maryland Geol. Sur., U. Cret., 1916, p. 691, no pl.
- **dowlingi** n. sp. McLearn
Can. Dept. Min. Mus. Bull. 29, 1919, p. 12, pl. V, figs. 3, 4, 5, 6
Formation: Cretaceous—Peace River formation, Clear Water formation
Location: Peace River; Athabaska River; Alberta
- **dunveganensis** n. sp. McLearn
Canadian Field Nat., vol. 34, No. 3, 1920, p. 55, figs. 2, 4
Formation: Cretaceous—Dunvegan formation
Location: Peace River, Athabaska River; Alberta
- **equilateralis** (Meek) Herrick and Johnson
Denison Univ. Sci. Lab. Bull. vol. II, art. 9, 1900, p. 206,
- (**Arcopagia**) **gabbi** n. sp. Gardner
Maryland Geol. Sur., U. Cret., 1916, p. 694, pl. XLII, fig. 2
Formation: Cretaceous, Monmouth, Matawan, Ripley
Location: Maryland; New Jersey; Georgia
- (**Arcopagia**) **georgiana** (Gabb) Gardner
Maryland Geol. Sur., U. Cret., 1916, p. 692, no pl.
Formation: Cretaceous, Matawan, Ripley
Location: Maryland; New Jersey; Georgia
- **georgiana** (Gabb) Weller
Geol. Sur. of N. J. Pal., vol. 4, 1907, p. 615, pl. LXX, figs. 1-3
Formation: Cretaceous, Wenonah sand
Location: New Jersey; Georgia
- **hoffmanniana** (Gabb) Stanton
U. S. Geol. Sur., 17th Ann. Rept. pt. 1, 1896, p. 1033, no pl.
Formation: Cretaceous, Tertiary transition, Chico and Tejon
Location: California
- ? **isonema** (Meek) Stanton
U. S. Geol. Sur. Bull. 106, 1893, p. 113, pl. XXV, fig. 8
Formation: Cretaceous
Location: East Canyon Creek, Wasatch Range, Utah; Coalville, Utah
- **isonema** (Meek) Herrick and Johnson
Denison Univ. Sci. Lab. Bull., vol. 11, art. 9, 1900, pl. XL, fig. 8 (no description)
Formation: Cretaceous
Location: Near Albuquerque, New Mexico
- **modesta** (Meek) Stanton
U. S. Geol. Sur. Bull. 106, 1893, p. 111, pl. XXV, fig. 3
Formation: Cretaceous
Location: East Canyon Creek, Wasatch Range, Utah; Coalville, Utah
- **modesta** (Meek) Herrick and Johnson
Denison Univ. Sci. Lab. Bull., vol. 11, art. 9, 1900, pl. XL, fig. 3, (no description)
Formation: Cretaceous
Location: Near Albuquerque, New Mexico

- *nanaimoensis* n. sp. Whiteaves
 Can. Geol. Sur., Mesozoic Fossils, vol. 1, pt. 5, 1903, p. 376,
 pl. XLVI, fig. 3
 Formation: Cretaceous
 Location: Nanaimo River, Vancouver Island
- *occidentalis* (Whiteaves) Whiteaves
 Geol. Sur. Can. Mesozoic Fossils, vol. 1, pt. 5, 1903, p. 376, no pl.
 Formation: Cretaceous
 Location: Vancouver Island
- (*Mœra*) *peaceriverensis* n. sp. McLearn
 Canadian Field Nat. vol. 34, No. 3, 1920, p. 55, figs. 5, 6
 Formation: Cretaceous, Dunvegan formation
 Locality: Peace River, Alberta
- ? *perlata* n. sp. Herrick and Johnson
 Denison Univ. Sci. Lab. Bull., vol. 11, art. 9, 1900, p. 206, pl.
 XXXII, fig. 5
 Formation: Cretaceous
 Location: Near Albuquerque, New Mexico
- *skidegatensis* (Whiteaves) Merriam
 Univ. Cal. Bull. of Geol., vol. 2, 1901, p. 283, no pl.
 Formation: Cretaceous
 Location: John Day Basin, Oregon
- sp., Stanton and Hatcher
 U. S. Geol. Sur. Bull. 257, 1905, p. 112, no pl.
 Formation: Cretaceous, Judith River beds
 Location: Montana
- *subæqualis* n. sp. Cragin
 Colo. Coll. Studies, 5th Ann. Pub. 1894, p. 60, no pl.
 Formation: Cretaceous, Pawpaw clays
 Location: Near Denison, Texas
- ? *subalata* (Meek) Herrick and Johnson
 Denison Univ. Sci. Lab. Bull., vol. 11, art. 9, 1900, pl. XL, fig.
 9, (no description)
 Formation: Cretaceous
 Location: Near Albuquerque, New Mexico
- ? *subalata* (Meek) Stanton
 U. S. Geol. Sur. Bull. 106, 1893, p. 113, pl. XXV, fig. 9
 Formation: Cretaceous, Montana ?
 Location: East Canyon Creek, Wasatch Range, Utah; Coalville,
 Utah
- *tenuistriata* n. sp. Davis
 Journal Geol. vol. 21, 1913, p. 457, fig. 7
 Formation: Jurassic, Slate's Springs (Franciscan) Lower
 Temblor
 Location: California
- (*Palæomœra* ?) *whitei* Stanton
 U. S. Geol. Sur. Bull. 106, 1893, p. 112, pl. XXV, figs. 4-7
 Formation: Cretaceous, Pugnellus sandstone
 Location: On Williams Creek, Huerfano Creek, Colorado
- (*Palæomœra*) *whitei* (Stanton) Herrick and Johnson
 Denison Univ. Sci. Lab. Bull., vol. 11, art. 9, 1900, (no description)
 Formation: Cretaceous

- Location: Near Albuquerque, New Mexico
- Tellinimera** (Conrad) Gardner
 Maryland Geol. Sur., U. Cret., 1916, p. 695, no pl.
- **eborea** (Conrad) Weller
 Geol. Sur. N. J., Pal., vol. 4, 1907, p. 621, pl. LXX, figs. 14-23
 Formation: Cretaceous, Merchantville clay-marl, Woodbury clay,
 Wenonah sand, Red Bank sand
 Location: New Jersey; Alabama
- **eborea** (Conrad) Gardner
 Maryland Geol. Sur., U. Cret., 1916, p. 695, pl. XLII, figs. 5, 6
 Formation: Cretaceous, Monmouth, Matawan, etc.
 Location: Maryland; New Jersey; Alabama
- Tenea** (Conrad) Gardner
 Maryland Geol. Sur., U. Cret., 1916, p. 661, no pl.
- **parillis** (Conrad) Weller
 Geol. Sur. N. J. Pal., vol. 4, 1907, p. 572, pl. LXIII, figs. 1-6
 Formation: Cretaceous, Cliffwood clay, Merchantville clay-marl,
 Woodbury clay, Wenonah sand, Navesink marl, Red Bank
 sand and Tinton beds
 Location: New Jersey; North Carolina; Mississippi; Texas;
 Arkansas
- **parilis** (Conrad) Gardner
 Maryland Geol. Sur., U. Cret., 1916, p. 661, no pl.
 Formation: Cretaceous, Magothy, Matawan, Monmouth
 Location: Maryland; Delaware; New Jersey
- **pinguis** (Conrad) Weller
 Geol. Sur. N. J. Pal., vol. 4, 1907, p. 574, pl. LXIII, fig. 7
 Formation: Cretaceous, Navesink marl
 Location: New Jersey
- Terebra wattsiana** n. sp. Cooper
 Cal. State Min. Bureau Bull. No. 4, 1894, p. 39, pl. I, fig. 11
 Formation: Cretaceous
 Location: Marysville Buttes, California
- Terebratella californica** n. sp. Stanton
 U. S. Geol. Sur. Bull. 133, 1895, p. 33, pl. I, figs. 12, 13
 Formation: Cretaceous, Knoxville beds
 Location: Cottonwood Creek, Tehama County, California
- **Harveyi** n. sp. Whiteaves
 Can. Geol. Sur., Mesozoic Fossils, vol. 1, pt. 5, 1903, p. 403, pl.
 LI, figs. 5, 6
 Formation: Cretaceous
 Location: Extension mine, Nanaimo, Vancouver Island; Texada
 Island
- **plicata** (Say) Weller
 Geol. Sur. of N. J. Pal., vol. 4, 1907, p. 364, pl. XXVII, figs. 1-11
 Formation: Cretaceous, Navesink marl
 Location: New Jersey
- **vanuxemi** (Lyell and Forbes) Weller
 Geol. Sur. of N. J. Pal., vol. 4, 1907, p. 366, pl. XXVII, figs. 12-13
 Formation: Cretaceous, Navesink marl
 Location: Holmdel

Terebratula grahamensis n. sp. Burwash

Can. Roy. Soc. Proc. Trans. Ser. 3, vol. 7, sec. IV, 1914, p. 86,
pl. III, figs. 6a, b, c

Formation: Cretaceous

Location: Queen Charlotte Islands

Terebratula harlani (Morton) Weller

Geol. Sur. of N. J. Pal., vol. 4, 1907, p. 357, pl. XXVIII, figs. 1-8

Formation: Cretaceous, Hornerstown marl

Location: Near New Egypt

— **harlani** (Morton) Gardner

Maryland Geol. Sur., U. Cret., 1916, p. 734, pl. XLVII, figs. 1-5

Formation: Cretaceous, Rancocas

Location: Delaware; Maryland

— **harlani** var. **fragilis** (Morton) Weller

Geol. Sur. N. J. Pal., vol. 4, 1907, p. 359, pl. XXVIII, figs. 4-6

Formation: Cretaceous, Hornerstown marl

Location: New Jersey

— **humboldtensis** (Gabb) Smith

U. S. Geol. Sur. Prof. Paper 83, 1914, p. 147, pl. XCIV, figs. 3-5

Formation: Triassic

Location: West Humboldt Range, East Range and Destatoya mountains, Nevada

Terebratula skidegatensis n. prov. Whiteaves

Can. Geol. Sur., Mesozoic Fossils, vol. 1, pt. 4, 1900, p. 301, pl. XXXVII, figs. 6, 6a

Formation: Cretaceous

Location: East end of Maud Island; north side of Maud Island

— sp. Stanton

U. S. Geol. Sur. Bull. 133, 1895, p. 33, pl. I, fig. 11

Formation: Cretaceous, Knoxville beds

Location: California

— sp. Aguilera

Com. Geol. de México, Bol. 1, 1895, p. 2, Lám. II, figs. 3-5

Formation: Jurassic

Location: Sierra de Catorce, Mexico

— sp. indt. Böse

Inst. Geol. de México, Bol. 25, 1910, p. 151, Lám XXXII, fig. 3

Formation: Lower Cenomanian

Location: Cerro Muleros

— sp. Ravn

Meddelelser om Grønland, vol. 45, 1911, p. 453

Formation: Jurassic

Location: "Kløft I" on Store Koldewey Island, Greenland

— sp. Ravn

Copenhagen Univ. Min. and Geol. Mus. Comm. Paleont. No. 10, 1911, p. 453

Formation: Jurassic

Location: "Kløft I" Store Koldewey Island, Greenland

— **suttonensis** n. sp. Clapp and Shimer

Bost. Soc. Nat. Hist. Proc. Vol 34, No. 12, 1911, p. 432, pl. 40, fig. 2, 3

- Formation: Jurassic
 Location: Cowichan Lake Vancouver
- cf. *Zieteni* p. de Loriol Aguilera
 Com. Geol. de México, Bol. 1, 1895, p. 1, Lám. II, figs. 6-7
 Formation: Jurassic
 Location: Sierra de Catorce, Mexico
- Terebratulina** sp. Harris and Veatch
 Geol. Sur. La. Rept. 1899, p. 297, pl. LI, fig. 7
 Formation: Cretaceous
 Location: Rayburn's Salt Works, Bienville Parish, Louisiana
- *atlantica* (Morton) Weller
 Geol. Sur. of N. J. Pal., vol. 4, 1907, p. 360, pl. XXVIII, figs. 9-12
 Formation: Cretaceous, Hornerstown marl
 Location: Near New Egypt
- Teredina neomexicana** n. sp. Stanton
 U. S. Geol. Sur. Prof. Paper 98, 1916, p. 317, pl. LXXXII, figs. 7-10
 Formation: Upper Cretaceous
 Location: San Juan Basin, New Mexico
- Terredo** (Linne) Gardner
 Maryland Geol. Sur., U. Cret., 1916, p. 729, no pl.
- *globosa* (M. & H.) Stanton & Vaughan
 U. S. Geol. Sur. Prof. Paper, 128A, 1920, p. 33, pl. VI, figs. 5a and 5b
 Formation: Cretaceous, Cannonball
 Location: Fort Clark, Flasher, N. Dakota
- *indt.* Weller
 Geol. Sur. of N. J. Pal., vol. 4, 1907, p. 659, no pl.
 Formation: Cretaceous, Navesink marl
 Location: New Jersey
- *irregularis* (Gabb) Weller
 Geol. Sur. of N. J. Pal., vol. 4, 1907, p. 356, pl. LXXIV, figs. 1-3
 Formation: Cretaceous, Merchantville clay-marl
 Location: New Jersey; Arkansas
- *irregularis* (Gabb) Gardner
 Maryland Geol. Sur., U. Cret., 1916, p. 730, no pl.
 Formation: Cretaceous, Matawan
 Location: Delaware; Maryland, New Jersey
- *rhombica* n. sp. Gardner
 Maryland Geol. Sur., U. Cret., 1916, p. 732, pl. XLV, fig. 3
 Formation: Cretaceous, Monmouth
 Location: Maryland
- *selliformis* (M. & H.) Stanton and Vaughan
 U. S. Geol. Sur. Prof. Paper 128A, 1920, p. 33, pl. VI, fig. 4
 Formation: Cretaceous, Cannonball
 Location: Fort Clark and Almont, N. Dakota
- ? sp. Whitfield and Hovey
 Bull. Amer. Mus. Nat. Hist., vol. 22, 1906, p. 398, pl. XLIX, fig. 3
 Formation: Jurassic, Belemnite shale
 Location: Black Hills
- Tessarolax distorta** (Gabb) Whiteaves

- Geol. Sur. Can., Mesozonic Fossils, vol. 1, pt. 5, 1903, p. 358, no pl.
 Formation: Cretaceous
 Location: Hornby Island
- Tetracarcinus subquadrata** n. sp. Weller
 Geol. Sur. N. J. Ann. Rept. 1904, p. 139, pl. XV, figs. 4, 5, 6.
 Journ. Geol. 1905, vol. 13, p. 328, figs. 4, 5, 6.
 Formation: Cliffwood
 Location: Cliffwood, N. J.
- **subquadrata** (Weller) Weller
 Geol. Sur. of N. J. Pal., vol. 4, 1907, p. 852, pl. CXI, figs. 16-19
 Formation: Cretaceous, Cliffwood clay, Woodbury clay
 Location: New Jersey
- Tetragonites** see **Lytoceras**
- **timotheanus** ? (Mayor) Whiteaves
 Can. Geol. Sur., Mesozoic Fossils, vol. 1, pt. 5, 1903, p. 329, no pl.
 Formation: Cretaceous
 Location: Pointledge or Comox River, Comox, Vancouver Island;
 Nanaimo River, Vancouver Island; Bernnan Creek, Vancouver
 Island
- Textularia agglutinans** (d'Orbigny) Woodward
 New York Microscopical Soc. Jour. Vol. 10, No. 4, 1894, p. 93
 Formation: Cretaceous
 Location: Timber Creek, New Jersey
- **agglutinans** (d'Orbigny) Woodward and Thomas
 Minn. Geol. and Nat. Hist. Sur., Final Rept., vol. 3, pt. 1, 1895,
 p. 30, pl. C, figs. 7, 8
 Formation: Cretaceous
 Location: Minnesota; Illinois; Mississippi
- **agglutinans** (d'Orbigny) Baggs
 U. S. Geol. Sur. Bull. 88, 1898, p. 28, no pl.
 Formation: Cretaceous, Rancocas and Manasquan
 Location: New Jersey
- **agglutinans** (d'Orbigny) Weller
 Geol. Sur. N. J. Pal., vol. 4, 1907, p. 191, pl. 1, figs. 6, 7
 Formation: Cretaceous, Vincentown limesand
 Location: New Jersey
- **agglutinans** var. **porrecta** (Brady) Baggs
 U. S. Geol. Sur. Bull. 88, 1898, p. 28, no pl.
 Formation: Cretaceous, Rancocas
 Location: New Jersey
- **agglutinans** var. **porrecta** (Brady) Weller
 Geol. Sur. N. J. Pal., vol. 4, 1907, p. 192, pl. 1, figs. 8-9
 Formation: Cretaceous, Vincentown limesand
 Location: New Jersey
- **carinata** (d'Orbigny) Woodward
 New York Microscopical Soc. Journ., vol. 10, No. 4, 1894, p. 94
 Formation: Cretaceous
 Location: Mullica Hill, New Jersey
- **carinata** (d'Orbigny) Woodward and Thomas
 Minn. Geol. and Nat. Hist. Sur., Final Rept., vol. 3, pt. 1, 1895,
 p. 30, pl. C, fig. 11

- Formation: Cretaceous
Location: Nebraska
- *gibbosa* (d'Orbigny) Baggs
U. S. Geol. Sur. Bull. 88, 1898, p. 29, no pl.
Formation: Cretaceous
Location: New Jersey
- *gibbosa* (d'Orbigny) Weller
Geol. Sur. N. J. Pal., vol. 4, 1907, p. 192, no pl.
Formation: Cretaceous, Navesink marl
Location: New Jersey
- *globulosa* (Ehrenberg) Woodward and Thomas
Minn. Geol. and Nat. Hist. Surv., vol. 3, pt. 1, 1895, p. 29, pl. C
figs. 1-6
Formation: Cretaceous
Location: Minnesota; Nebraska; Illinois
- *globulosa* (Ehrenburg) Calvin
Iowa Geol. Sur. vol. III, 2nd Ann. Rept., 1895, p. 225, pl. XIX,
figs. 5, 6
Formation: Cretaceous, Iowa chalk
Location: St. Helena, Nebraska
- *globulosa* (Ehrenberg) McClung
Univ. Kan. Geol. Sur., vol. 4, 1898, p. 421, pl. LXXXV, figs. 1-4
Formation: Cretaceous, All horizons except Inoceramus beds
Location: Kansas
- *globulosa* (Ehrenberg) Baggs
U. S. Geol. Sur. Bull. 88, 1898, p. 29, no pl.
Formation: Cretaceous, Monmouth
Location: New Jersey
- *globulosa* (Ehrenberg) Weller
Geol. Sur. N. J. Pal., vol. 4, 1907, p. 193, pl. I, figs. 10-12
Formation: Cretaceous, Navesink marl
Location: Freehold, New Jersey
- *gramen* (d'Orbigny) Woodward
New York Microscopical Soc. Journ., vol. 10, No. 4, 1894, p. 94
Formation: Cretaceous
Location: Timber creek, New Jersey
- *gramen* (d'Orbigny) Baggs
U. S. Geol. Sur. Bull. 88, 1898, p. 29, no pl.
Formation: Cretaceous, Rancocas
Location: New Jersey
- *gramen* (d'Orbigny) Weller
Geol. Sur. N. J. Pal., vol. 4, 1907, p. 193, pl. I, figs. 13, 14
Formation: Cretaceous, Vincentown limesand
Location: Vincentown, New Jersey
- *pygmaea* ? (Dawson) Calvin
Iowa Geol. Sur. vol. III, 2nd Ann. Rept., 1895, p. 295, pl. XIX,
fig. 7
Formation: Cretaceous
Location: Saint Helena, Nebraska
- *sagittula* (Defrance) Weller
Geol. Sur. N. J. Pal., vol. 4, 1907, p. 194, pl. 1, figs. 15-17

- Formation: Cretaceous, Vincenttown limesand
- *sagittula* (Defrance) Woodward
New York Microscopical Soc. Journ., vol. 10, No. 4, 1894, p. 95
Formation: Cretaceous
Location: New Egypt and Timber Creek, New Jersey
- *sagittula* (Defrance) Bagge
U. S. Geol. Sur. Bull. 88, 1898, p. 29, no pl.
Formation: Cretaceous, Rancocas
Location: New Jersey
- *turris* (d'Orbigny) Woodward
New York Microscopical Soc. Journ., vol. 10, No. 4, 1894, p. 94
Formation: Cretaceous
Location: Timber Creek, New Jersey
- *turris* (d'Orbigny) Woodward and Thomas
Minn. Geol. and Nat. Hist. Sur., Final Rept., vol. 3, pt. I, 1895,
p. 30, pl. C, figs. 9, 10
Formation: Cretaceous
Location: Minnesota; Nebraska; Illinois
- *turris* (d'Orbigny) Bagge
U. S. Geol. Sur. Bull. 88, 1898, p. 30, no pl.
Formation: Cretaceous
Location: New Jersey
- *turris* (d'Orbigny) Weller
Geol. Sur. N. J. Pal., vol. 4, 1907, p. 195, pl. I, figs. 18-19
Formation: Cretaceous, Vincenttown limesand
Location: New Jersey
- Thalassoceratidae* Hyatt and Smith
U. S. Geol. Sur. Prof. Paper 40, 1905, p. 87, no pl.
- Thaumastus limnaeiformis* (Meek and Hayden) Stanton and Hatcher
U. S. Geol. Sur. Bull. 257, 1905, p. 118, no pl.
Formation: Cretaceous, Judith River beds
Location: Montana
- Thetis* sp. Harris and Veach
Geol. Sur. La. Rept., 1899, p. 295, pl. L, fig. 6
Formation: Cretaceous
Location: Rayburns Salt Works, Bienville Parish, Louisiana
- *affinis* (Whiteaves) Whiteaves
Geol. Sur. Can., Mesozoic Fossils, vol. 1, pt. 4, 1900, p. 290, no pl.
Formation: Cretaceous
Location: Three miles northwest of Yaktou Lake on Rennel
Sound Trail, Queen Charlotte Islands
- Thracia* ? *maloniana* n. sp. Cragin
U. S. Geol. Sur. Bull. 266, 1905, p. 86, pl. XIX, fig. 6
Formation: Jurassic
Location: Malone, Texas
- ? *montanaensis* (Meek) ? Stanton
U. S. Geol. Sur., Mon. 32, pt. 2, 1899, p. 628, pl. LXXIII, fig. 10
Formation: Jurassic, Ellis
Location: Yellowstone National Park
- *semiplanata* (Whiteaves) Whiteaves
Geol. Sur. Can., Mesozoic Fossils, 1900, vol. 1, pt. 4, p. 289, no pl.

- Formation: Cretaceous
 Location: East end of Maud Island; creek near Camp Robertson,
 2 miles south of Yokoun Lake; Queen Charlotte Islands
- *subtruncata* (Meek) Whiteaves
 Can. Geol. Sur., Mesozoic Fossils, vol. 1, pt. 5, 1903, p. 375, no pl.,
 (no description)
 Formation: Cretaceous
 Location: Sucia Islands
- *weedi* n. sp. Stanton
 U. S. Geol. Sur., Mon. 32, pt. 2, 1899, p. 627, pl. LXXV, figs. 1-3
 Formation: Jurassic, Ellis
 Location: Yellowstone National Park
- Thyasira cretacea* (Whiteaves) Whiteaves
 Geol. Sur. Can., Mesozoic Fossils, vol. 1, pt. 5, 1903, p. 383, no pl.
 Formation: Cretaceous
 Location: Dodd Narrows, Vancouver Island
- Tirolites* (Mojsisovics) Hyatt and Smith
 U. S. Geol. Sur. Prof. Paper 40, 1905, p. 158, no pl.
 Formation: Triassic
- (*Metratirolites*) *foliaceus* (Dittmar) Hyatt and Smith
 U. S. Geol. Sur. Prof. Paper 40, 1905, p. 160, pl. LXXXII, figs. 1-10
 Formation: Triassic
 Location: California
- *pacificus* n. sp. Hyatt and Smith
 U. S. Geol. Sur. Prof. Paper 40, 1905, p. 159, pl. XXI, figs. 14-18
 Formation: Triassic
 Location: Inyo County, California
- *pacificus* (Hyatt and Smith) Smith
 U. S. Geol. Sur. Prof. Paper 83, 1914, p. 68, pl. II, figs. 14-18
 Formation: Triassic
 Location: Inyo County, California
- Tornatella normalis* n. sp. Cooper
 Cal. State Min. Bureau Bull. No. 4, 1894, p. 46, pl. II, figs. 36, 37
 Formation: Cretaceous
 Location: Point Loma, California
- Tornatellina* ? *isolina* n. sp. White
 U. S. Geol. Sur., Bull. 128, 1895, p. 48, pl. VI, figs. 14, 15
 Formation: Cretaceous, Bear River formation
 Location: Wyoming
- Tornatina* ? *erratica* n. sp. Cooper
 Cal. State Min. Bureau Bull. 4, 1894, p. 47, pl. II, fig. 35
 Formation: Cretaceous
 Location: California
- Ternquistites* n. gen. Hyatt and Smith
 U. S. Geol. Sur. Prof. Paper 40, 1905, p. 59, no pl.
 Formation: Triassic
- *evolutus* n. sp. Hyatt and Smith
 U. S. Geol. Sur. Prof. Paper 40, 1905, p. 60, pl. XXXII, figs. 11-21
 Formation: Triassic
 Location: Shasta County, California
- Tornatella haldemani* (White) White

- U. S. Geol. Sur. Bull. 128, 1895, p. 44, pl. V. figs. 8-12
 Formation: Cretaceous, Bear River
 Location: Wyoming
- Trachyceras* (Laube) Smith
 U. S. Geol. Sur. Prof. Paper 83, 1914, p. 127, no pl.
- (*Laube*) Hyatt and Smith
 U. S. Geol. Sur. Prof. Paper 40, 1905, p. 191, no pl.
- (*Laube*) Smith
 U. S. Geol. Sur. Prof. Paper 40, 1905, p. 191, no pl.
- (*Laube*) Smith
 Cal. Acad. Sci. Proc., 3rd. ser. vol. I, 1904, p. 387, no pl.
- Trachyceras* (*Protrachyceras*) *americanum* (Mojsisovics) Smith
 U. S. Geol. Sur. Prof. Paper 83, 1914, p. 133, pl. XV, figs. 3, 3a;
 pl. XLVIII, figs. 6, 7, pl. LXXXII, figs. 10-13
 Formation: Triassic
 Location: West Humboldt Range, Nevada
- (*Anolcites*) *barberi* n. sp. Smith
 U. S. Geol. Sur. Prof. Paper 83, 1914, p. 130, pl. LXXXVI, figs.
 12-14
 Formation: Triassic
 Location: West Humboldt Range, Nevada
- (*Anolcites*) *drakei* n. sp. Smith
 U. S. Geol. Sur. Prof. Paper 83, 1914, p. 129, pl. XCVII, figs. 15-17
 Formation: Triassic
 Location: West Humboldt Range, Nevada
- (*Protrachyceras*) *dunni* n. sp. Smith
 U. S. Geol. Sur., Prof. Paper 83, 1914, p. 134, pl. LXXXIV, figs.
 14-16
 Formation: Triassic
 Location: West Humboldt Range, Nevada
- (*Anolcites*) *furlongi* n. sp. Smith
 U. S. Geol. Sur. Prof. Paper 83, 1914, p. 130, pl. LXXXIII, figs.
 1-7; pl. LXXXIV, figs. 1-13
 Formation: Triassic
 Location: West Humboldt Range, Nevada
- (*Anolcites*) *gabbi* n. sp. Smith
 U. S. Geol. Sur. Prof. Paper 83, 1914, p. 132, pl. IX, figs. 3-17;
 pl. XI, figs. 4-7; pl. LXXXV, figs. 11, 12; pl. LXXXVI, figs. 1-11
 Formation: Triassic
 Location: West Humboldt Range, Nevada
- (*Anolcites*) *gracile* n. sp. Smith
 U. S. Geol. Sur. Prof. Paper 83, 1914, p. 132, pl. LXXXII, figs. 4-9
 Formation: Triassic
 Location: West Humboldt Range, Cottonwood Canyon, Nevada
- (*Protrachyceras*) *homfrayi* (Gabb) Smith
 U. S. Geol. Sur. Prof. Paper 83, 1914, p. 134, pl. XVI, figs. 11-13
 Formation: Triassic
 Location: East Range and West Humboldt Range?, Nevada
- (*Anolcites*) *hyatti* n. sp. Smith
 Cal. Acad. Sci. Proc., 3d ser., vol. 1, 1904, p. 389, pl. XLIII, fig.

- 12; pl. XLV, figs. 1-2
 Formation: Triassic
 Location: Nevada
- (*Protrachyceras*) *lahontanum* n. sp. Smith
 U. S. Geol. Sur. Prof. Paper 83, 1914, p. 135, pl. LXXXV, figs. 1-5
 Formation: Triassic
 Location: West Humboldt Range, Nevada
- (*Protrachyceras*) *lecontei* n. sp. Hyatt and Smith
 U. S. Geol. Sur. Prof. Paper 40, 1905, p. 194, pl. XLIV, figs. 1, 2;
 pl. XLV, figs. 1-9; pl. XLVI, figs. 1-5
 Formation: Triassic
 Location: Shasta County, California
- (*Anolcites*) *meeki* (Mojsisovics) Smith
 Cal. Acad. Sci. Proc., 3rd ser., vol. 1, 1904, p. 390, pl. XLV
 figs. 3-4
 Formation: Triassic
 Location: Nevada
- Trachyceras* (*Anolcites*) *meeki* (Mojsisovics) Hyatt and Smith
 U. S. Geol. Sur. Prof. Paper 40, 1905, p. 196, pl. XXLV, figs. 8-9;
 pl. LIX, figs. 1-17; pl. LXXIV, figs. 1-7
 Formation: Triassic
- (*Protrachyceras*) *meeki* (Mojsisovics) Smith
 U. S. Geol. Sur. Prof. Paper 83, 1914, p. 135, pl. V, figs. 8, 9;
 pl. IX, figs. 1, 2; pl. XI, figs. 1-3; pl. XV, figs. 1, 1a; pl.
 LXXVIII, figs. 4-7
 Formation: Triassic
 Location: West Humboldt Range, Nevada
- (*Protrachyceras*) *shastense* n. sp. Smith
 Cal. Acad. Sci. Proc., 3d ser., vol. 1, 1904, p. 391, pl. XLIV, figs.
 9, 9a; pl. XLVIII, figs. 3, 4
 Formation: Triassic, Karnic
 Location: California
- (*Protrachyceras*) sp. indt. Burckhardt
 Inst. Geol. de México, Bol. 21, 1905, p. 18, Lám. 1, figs. 5a, 5b
 Formation: Triassic
 Location: Puente del Ahogado, Zacatecas
- (*Protrachyceras*) sp. indt. Burckhardt
 Inst. Geol. de México, Bol. 21, 1905, p. 8, Lám. 1, figs. 4a, 4b
 Formation: Triassic
 Location: Puente del Ahogado, Zacatecas
- sp. indet. Kittl
 Second Norwegian Artic Exped., in the Fram Rept., No. 7, 1907,
 p. 40
 Formation: Triassic
 Location: Hutinsel in Bayfjord
- Trachyceras* (*Protrachyceras*) *springeri* n. sp. Smith
 U. S. Geol. Sur. Prof. Paper 83, 1914, p. 136, pl. LXXXV, figs. 6-10
 Formation: Triassic
 Location: West Humboldt Range, Nevada
- (*Protrachyceras*) *subasperum* (Meek) Smith
 U. S. Geol. Sur. Prof. Paper 83, 1914, p. 137, pl. XV, figs. 2a-b;

- pl. LXXXIV, figs. 17-19
 Formation: Triassic
 Location: West Humboldt Range, Nevada
- Trachysagenites** (Mojsisovics) subgen. Hyatt and Smith
 U. S. Geol. Prof. Paper 40, 1905, p. 38, no pl.
- see **Sagenites**
- Trachytriton atlanticum** n. sp. Whitfield
 Geol. Sur. N. J., vol. 2, 1892, p. 59, pl. V, figs. 8-11
 Formation: Cretaceous, Lower Green Marls
 Location: New Jersey
- **atlanticum** n. sp. Whitfield
 U. S. Geol. Sur., Mon. 18, 1892, p. 59, pl. V, figs. 8-11
 Formation: Cretaceous, Lower Green Marls
 Location: Crosswicks creek, near New Egypt, New Jersey
- Trachytriton ? atlanticum** (Whitfield) Weller
 Geol. Sur. N. J. Pal., vol. 4, 1907, p. 727, pl. LXXXIV, figs. 11-14
 Formation: Cretaceous, Navesink marl
 Location: New Jersey
- ? **holmdelense** n. sp. Whitfield
 Geol. Sur. N. J., vol. 2, 1892, p. 60, pl. V, figs. 16, 17
 Formation: Cretaceous, Lower Green Marls
 Location: New Jersey
- ? **holmdelense** n. sp. Whitfield
 U. S. Geol. Sur. Mon. 18, 1892, p. 60, pl. V, figs. 16, 17
 Formation: Cretaceous, Lower Green Marls
 Location: Holmdel, New Jersey
- ? **holmdelense** (Whitfield) Weller
 Geol. Sur. of N. J. Pal., vol. 4, 1907, p. 728, pl. LXXXIV, figs. 9, 10
 Formation: Cretaceous, Navesink marl
 Location: New Jersey
- ? **multivaricosum** n. sp. Whitfield
 Geol. Sur. N. J., vol. 2, 1892, p. 61, pl. V, figs. 12, 13
 Formation: Cretaceous, Lower Green Marls
 Location: New Jersey
- **multivaricosum** n. sp. Whitfield
 U. S. Geol. Sur., Mon. 18, 1892, p. 61, pl. V, figs. 12, 13
 Formation: Cretaceous, Lower Green Marls
 Location: Crosswicks Creek, New Jersey
- ? **multivaricosum** (Whitfield) Weller
 Geol. Sur. of N. J. Pal., vol. 4, 1907, p. 729, pl. LXXXIV, figs. 15-18
 Formation: Cretaceous, Navesink marl
 Location: New Jersey
- Traskites** n. subgen. Hyatt and Smith
 U. S. Geol. Sur. Prof. Paper 40, 1905, p. 186, no pl.
 Formation: Triassic
- Trematopygus cruiferus** (Morton) Clark and Twitchell
 U. S. Geol. Sur. Mon. 54, 1915, p. 71, pl. XXVIII, figs. 3a-c;
 pl. XXIX, figs. 1a-f
 Formation: Cretaceous, Rancocas
 Location: Timber Creek and Vincentown, New Jersey
- **crucifer** (Morton) Clark

- U. S. Geol. Sur. Bull. 97, 1893, p. 63, pl. XXVII, figs. 1a-i
 Formation: Cretaceous
 Location: New Jersey
- *cruciferus* (Morton) Weller
 Geol. Sur. N. J. Pal., vol. 4, 1907, p. 289, pl. XI, figs. 1-9
 Formation: Cretaceous, Vincentown limestone
 Location: Timber Creek, New Jersey
- Trichites* sp. Pompj.
 Kais. Russ. Mineral. Gesell, St. Petersburg, Verh. Ser. 2, Band 38,
 1900, p. 271
 Formation: Jurassic
 Location: Katmaiskoj, Alaska
 See *Inoceramus* sp. Pompj.
- Trichotropis shumardi* n. sp. Cragin
- *shumardi* n. sp. Cragin
 Texas Geol. Sur., 4th Ann. Rept., 1893, p. 229, pl. XLII, fig. 13
 Formation: Cretaceous, *Exogyra texana* beds, limestone strata
 Location: 1½ miles east of Benbrook, Texas
- *shumardi* (Cragin) Adkins and Winton
 Univ. of Texas Bull. 1945, 1919, p. 76, pl. XVIII, figs. 4, 5
 Formation: Cretaceous, Goodland
 Location: North Texas
- Trigonacra* see *Arca*
- *cliffwoodensis* n. sp. Weller
 Geol. Sur. of N. J. Pal., vol. 4, 1907, p. 401, pl. XXX, fig. 17
 Formation: Cretaceous, Cliffwood clay
 Location: New Jersey and North Carolina
- *cuneiformis* (Conrad) Weller
 Geol. Sur. of N. J. Pal., vol. 4, 1907, p. 403, pl. XXX, figs. 18-20
 Formation: Cretaceous, Woodbury clay
 Location: New Jersey
- *depressa* (White) Stanton
 U. S. Geol. Sur. Bull. 106, 1893, p. 93, pl. XIX, fig. 2
 Formation: Cretaceous, Colorado?
 Location: East bank of Rio Puerco, 6 miles below Casa Salazan,
 New Mexico
- *depressa* (White) Shimer and Blodgett
 Amer. Journ. Sci., 4th ser., vol. 25, 1908, p. 62
 Formation: Cretaceous, Fort Benton or possibly Niobrara
 Location: New Mexico
- ? *hancocki* Stanton n. sp. Stanton and Vaughan
 U. S. Geol. Sur. Prof. Paper 128A, 1920, p. 23, pl. II, figs. 4 & 5
 Formation: Cretaceous, Cannonball
 Location: Mandan, N. Dakota
- *obliqua* (Meek) Stanton
 U. S. Geol. Sur. Bull. 106, 1893, p. 92, pl. XIX, fig. 1; pl. XX,
 figs. 2-6
 Formation: Cretaceous, Pugnellus sandstone
 Location: East Canyon Creek, Wasatch Range, Utah; Coalville
 Utah; Huerfano Park, Colorado
- *obliqua* (Meek) Johnson

- School of Mines Quart., vol. 24, No. 2, 1903, p. 194,
 See Bull. U. S. Geol. Sur., No. 106, p. 92
 Formation: Cretaceous, Achavica Arroyo, Fort Pierre age
 Location: New Mexico
- *obliqua* (Meek) Johnson
 Columbia Univ. Contr. Geol. Dept., vol. 10, No. 90, 1903, p. 122
 Formation: Cretaceous, Fort Pierre
 Location: Achavica Arroyo, New Mexico
- *siouxensis* (M. & H.) Cragin
 Texas Geol. Sur., 4th Ann. Rept., 1893, p. 170
 Formation: Cretaceous
 Location: Timber Creek, Denton County, Texas
 See *Arca* (T.) *siouxensis*
- *triquetra* (Conrad) Weller
 Geol. Sur. of N. J. Pal., vol. 4, 1907, p. 402, pl. XXX, fig. 16
 Formation: Cretaceous, Clifwood clay
 Location: New Jersey, North Carolina
- Trigoniidae* (Lam.) Packard
 Oregon Univ. Pub., vol. 1, No. 9, 1921, pl. 9
- Trigonia* (Bruguière) Gardner
 Maryland Geol. Sur., U. Cret., 1916, p. 582, no pl.
- (Bruguière) Packard
 Type *Trigonia nodulosa* (Lam.)
 Oregon Univ. Pub., vol. 1, No. 9, 1921, p. 9
- *aquicostata* (Gabb) Packard
 Oregon Univ. Pub., vol. 1, No. 9, 1921, p. 27, pl. IX, fig. 3
 Formation: Cretaceous, Horsetown and Chico
 Location: Orestimba Canyon, Contra Costa Co., Cal.; Jackson
 and Riddle, Oregon
- *albertensis* n. sp. McLearn
 Canada Dept. Mines Mus. Bull., 29, 1919, p. 11, pl. IV, fig. 3, 4
 Formation: Cretaceous
 Location: Northern Alberta
- *americana* (Meek) Stanton
 U. S. Geol. Sur., Mon. 32, pt. 2, 1899, p. 618, no pl.
 Formation: Jurassic, Ellis
 Location: Yellowstone National Park
- *calderoni* (Castillo and Aguilera) Cragin
 U. S. Geol. Sur. Bull. 266, 1905, p. 59, pl. IX, figs. 4-6
 Formation: Jurassic
 Location: Malone, Texas
- *californiana* n. sp. Packard
 Oregon Univ. Pub., vol. 1, No. 9, 1921, p. 17, pl. II, fig. 2
 Formation: Cretaceous
 Location: Ager, Siskiyou Co., California
- *cerulea* (Whitfield) Gardner
 Maryland Geol. Sur., U. Cret., 1916, p. 584, no pl.
 Formation: Cretaceous, Monmouth
 Location: Maryland; New Jersey
- *cerulea* (Whitfield) Weller
 Geol. Sur. N. J. Pal., vol. 4, 1907, p. 464, pl. XLVIII, fig. 13

- Formation: Cretaceous, Tinton beds
 Location: New Jersey
- *charlottensis* n. sp. Packard
 Oregon Univ. Pub., vol. 9, 1921, p. 12, pl. III, fig. 1
 Formation: Cretaceous, Haida formation
 Location: Maude Island, Queen Charlotte Island
- *clavigera* n. sp. Cragin
 Texas Geol. Sur., 4th Ann. Rept., 1893, p. 212, pl. XLVI, figs. 12, 13
 Formation: Cretaceous
 Location: Brown's ferry, Red River, Cooke County, Texas
- *clavigera* (Cragin) Adkins and Winton
 Univ. of Texas Bull. 1945, 1919, p. 73, pl. XVII, figs. 4-6
 Formation: Cretaceous, Weno
 Location: Gainesville, Texas
- *columbiana* n. sp. Packard
 Oregon Univ. Pub., vol. 1, No. 9, 1921, p. 23, pl. XI, figs. 1, 3
 Formation: Cretaceous, Haida formation
 Location: Queen Charlotte City, Queen Charlotte Islands
- *concentrica* n. sp. Cragin
 Texas Geol. Sur., 4th Ann. Rept., 1893, p. 213, pl. XLI, fig. 4
 Formation: Cretaceous, Dinosaur sands of Travis Peak
 Location: On Cow Creek and Post Oak Creek, Travis County
- *condoni* n. sp. Packard
 Oregon Univ. Pub., vol. 1, No. 9, 1921, p. 28, pl. VIII, fig. 2
 Formation: Cretaceous, Chico group
 Location: Grant's Pass, Oregon
- *conferticostata* n. sp. Cragin
 U. S. Geol. Sur. Bull. 266, 1905, p. 63, pl. XI, fig. 3
 Formation: Jurassic
 Location: Malone, Texas
- *consobrina* (Eichwald) Packard
 Oregon Univ. Pub., vol. 1, No. 9, 1921, p. 34
 Formation: Cretaceous
 Location: Aleutian Islands
- *aff. costata* (Sowerby) Packard
 Oregon Univ. Pub., vol. 1, No. 9, 1921, p. 33
 Formation: Jurassic, Hardgrave SS.
 Location: Taylorsville, Cal.
- *aff. costatula* (Lycett) Packard
 Oregon Univ. Pub., vol. 1, No. 9, 1921, p. 15
 Formation: Jurassic, Hardgrave S.S.
 Location: Taylorsville, Cal.
- *crenulata* (Roemer) Hill
 Wash. Biol. Soc. Proc., vol. 8, 1893, p. 27, pl. III, fig. 4
 Formation: Cretaceous, Glen Rose
 Location: Bull Creek, Travis County, Texas
- *dawsoni* (Whiteaves) Whiteaves
 Geol. Sur. Can., Mesozoic Fossils, vol. 1, pt. 4, 1903, p. 306, no pl.
 Formation: Cretaceous
 Location: Queen Charlotte Islands
- *dawsoni* (Whiteaves) Packard

- Oregon Univ. Pub., vol. 1, No. 9, 1921, p. 13, pl. IV, fig. 2
 Formation: Jurassic, Yakoun formation
 Location: Itasyonco River, B. C., Sigut Lake, B. C.
- *deschutesensis* n. sp. Packard
 Oregon Univ. Pub., vol. 1, No. 9, 1921, p. 24, pl. X, fig. 3
 Formation: Cretaceous, Chico group
 Location: Crooked River, Eastern Oregon
- *devexa* (Eichwald) Packard
 Oregon Univ. Pub., vol. 1, No. 9, 1921, p. 14
 Formation: Tuxedni S. S.
 Location: Iniskin Bay Cook Inlet, Alaska
- *diversicostata* Whiteaves
 Can. Geol. Sur., Meozoic Fossils, vol. 1, pt. 4, 1900, p. 292, no pl.
 Formation: Cretaceous
 Location: East end of Maud Island; 3 miles northwest of Yakoun lake on Rennel Sound Trail, Queen Charlotte Islands
- *diversicostata* (Whiteaves) Packard
 Oregon Univ. Pub., vol. 1, No. 9, 1921, p. 9, pl. III, fig. 4
 Formation: Cretaceous, Haida formation
 Location: Bear Skin Bay, Skidegate Inlet, Queen Charlotte Islands
- *dorschini* (Eichwald) Packard
 Oregon Univ. Pub., vol. 1, No. 9, 1921, p. 15, pl. III, figs. 2, 3
 Formation: Jurassic, Tuxedni S. S.
 Location: Kenai, Alaska; Iniskin Bay, Cook Inlet, Alaska
- *elegantissima* (Meek) Stanton
 U. S. Geol. Sur., Mon. 32, pt. 2, 1899, p. 619, pl. LXXIII, fig. 2
 Formation: Jurassic, Ellis
 Location: Yellowstone National Park
- *emoryi* (Conrad) Shattuck
 U. S. Geol. Sur. Bull. 205, 1903, p. 23, pl. VIII, figs. 6-8
 Formation: Cretaceous, Buda
 Location: Shoal Creek, Austin, and Onion Creek, Buda, Texas
- *emoryi* (Conrad) Böse
 Inst. Geol. de México, Bol. 25, 1910, p. 121, Lám. XXIV, figs. 1-5; Lám. XXV, figs. 1, 3, 5; Lám. XXVI, fig. 1
 Formation: Vraconian and lower Cenomanian
 Location: Cerro de Muleros
- *eufaulensis* Harris and Veatch
 Geol. Sur. La. Rep., 1899, p. 295, pl. L, fig. 9
 Formation: Cretaceous
 Location: Rayburns Salt Works, Bienville parish, Louisiana
- *eufalensis* (Gabb) Weller
 Geol. Sur. of N. J. Pal., vol. 4, 1907, p. 462 pl. XLVIII, figs. 5-10
 Formation: Cretaceous, Merchantville clay marl, Woodbury clay, Wenonah sand
 Location: New Jersey; Alabama; Mississippi; Texas
- *eufalensis* (Gabb) Gardner
 Maryland Geol. Sur., U. Cret., 1916, p. 582, pl. XXXIV, figs. 1, 2
 Formation: Cretaceous, Monmouth, Matawan, Black creek, Peedee, Eutaw, Ripley
 Location: Delaware; Maryland; New Jersey; North and South

Carolina; Georgia; Alabama

- *evansana* (Meek) Whiteaves
Can. Geol. Sur., Meozoic Fossils, vol. 1, pt. 5, 1903, p. 387, no pl.
Formation: Cretaceous
Location: Nanaimo, Vancouver Island
- *evansana* (Meek) Arnold
U. S. Proc. Nat. Mus. vol. 34, 1908, pl. XXXI, fig. 5 (no description)
Formation: Cretaceous, Knoxville and Chico
Location: California
- *evansana* (Meek) Packard
Oregon Univ. Pub., vol. 1, No. 9, 1921, p. 25, pl. IX, figs. 5 & 6
Formation: Cretaceous, Chico and possibly upper Horsetown
Location: Nanaimo, Vancouver; Henly, California
- *evansana* var. *oregana* n. var. Packard
Oregon Univ. Pub., vol. 1, No. 9, 1921, p. 26, pl. IX, fig. 7
Formation: Cretaceous, Chico group
Location: Crooked River area and Jackson, Oregon
- *fitchi* n. sp. Packard
Oregon Univ. Pub., vol. 1, No. 9, 1921, p. 20, pl. VI, fig. 3; pl. VII, fig. 2
Formation: Cretaceous, Chico group
Location: Griffin Creek, Bear Creek Valley, Oregon; Ager, Cal.
- *flexicostata* (Burwash) Packard
Oregon Univ. Pub., vol. 1, No. 9 1921, p. 29, pl. VII, fig. 3
Formation: Cretaceous, Haida formation
Location: Maud Island; Queen Charlotte Island
- *flexicostata* n. sp. cf. *T. scarburghensis* Burwash
Can. Roy. Soc. Proc., Tran. Ser. 3, vol. 7, Sec. IV, 1914, p. 82, pl. III, fig. 3
Formation: Cretaceous
Location: Queen Charlotte Islands
- aff. *formosa* (Lycett) Packard
Oregon Univ. Pub., vol. 1, No. 9, 1921, p. 14
Formation: Jurassic, Hardgrave S. S.
Location: Taylorsville, Cal.
- *goodellii* (Cragin) Cragin
U. S. Geol. Sur., Bull. 266, 1905, p. 58, pl. X, figs. 1, 2
Formation: Jurassic
Location: Malone, Texas
- *Guadalupæ* n. sp. Böse
Inst. Geol. de México, Bol. 25, 1910, p. 124, Lám. XXIII, figs. 11-16
Formation: Vraconian
Location: Chihuahua
- aff. *hemispherica* (Lycett) Packard
Oregon Univ. Pub., vol. 1, No. 9, 1921, p. 33
Formation: Jurassic, Marmon S. S.
Location: Taylorsville, Cal.
- *inezana* n. sp. Packard
Oregon Univ. Pub., vol. 1, No. 9, 1921, p. 27, pl. VIII, fig. 1a, b; pl. IX, fig. 1; pl. X, fig. 1

- Formation: Cretaceous, Chico
Location: Santa Ynez Mts., Cal., Chico Creek, Cal.
- *jacksonensis* n. sp. Packard
Oregon Univ. Pub., vol. 1, No. 9, 1921, p. 18, pl. IV, fig. 1
Formation: Cretaceous, Chico group
Location: Jacksonville, Oregon
- *kummeli* n. sp. Weller
Geol. Sur. of N. J. Pal., vol. 4, 1907, p. 466, pl. XLVIII, figs. 11-12
Formation: Cretaceous, Red Bank sand
Location: New Jersey
- *leana* (Gabb) Merriam
Univ. of Cal. Bull. of Geol. vol. 2, 1901, p. 282, no pl.
Formation: Cretaceous
Location: John Day Basin, Oregon
- *leana* (Gabb) Packard
Oregon Univ. Pub., vol. 1, No. 9, 1921, p. 20, pl. V, figs. 1, 2, 3, 5, 6; pl. VI, fig. 1; pl. VII, fig. 1
Formation: Cretaceous, Chico group
Location: Martinez, Cal., Bear Creek Valley area of Oregon; Queen Charlotte Islands
- *leana* var. *whiteavesi* n. var. Packard
Oregon Univ. Pub., vol. 1, No. 9, 1921, p. 21, pl. V, fig. 4; pl. VI, fig. 2
Formation: Cretaceous, Haida and possibly Chico
Location: Queen Charlotte Islands; Pigeon Point; Santa Mateo Co., Cal.
- *maudensis* (Whiteaves) Packard
Oregon Univ. Pub., vol. 1, No. 9, 1921, p. 29, pl. IX, fig. 2
Formation: Cretaceous, Haida formation
Location: Maud Island, Skidegate Inlet; Queen Charlotte Islands
- *marionensis* (Stephenson n. sp.) Gardner
Maryland Geol. Sur., U. Cret., 1916, p. 585, no pl.
Formation: Cretaceous, Matawan, Monmouth
Location: Maryland
- *montanensis* (Meek) Stanton
U. S. Geol. Sur., Mon. 32, pt. 2, 1899, p. 619, no pl.
Formation: Jurassic, Ellis
Location: Yellowstone National Park
- *munita* n. sp. Cragin
U. S. Geol. Sur. Bull. 266, 1905, p. 62, pl. X, figs. 8-11
Formation: Jurassic
Location: Malone, Texas
- *nana* (Eichwald) Packard
Oregon Univ. Pub., vol. 1, No. 9, 1921, p. 34
Formation: Cretaceous
Location: Aleutian Islands; Kenai, Alaska
- *naviformis* (Hyatt) Packard
Oregon Univ. Pub., vol. 1, No. 9, 1921, p. 11, pl. II, fig. 1
Formation: Jurassic, Bicknell S. S.
Location: Mount Jura, Taylorsville, Cal.
- *newcombei* n. sp. Packard

- Oregon Univ. Pub., vol. 1, No. 9, 1921, p. 30, pl. IX, fig. 4; pl. X, figs. 2, 4, 6; pl. XI, fig. 2
 Formation: Cretaceous, Haida
 Location: Queen Charlotte City, Queen Charlotte Islands
- *obliqua* (Hyatt) Packard
 Oregon Univ. Pub., vol. 1, No. 9, 1921, p. 16, pl. III, figs. 5, 6
 Formation: Jurassic; Bicknell S. S.
 Location: Mount Jura, Taylorsville, Cal.
- *pandicostata* (Meek) Packard
 Oregon Univ. Pub., vol. 1, No. 9, 1921, p. 17, pl. IV, fig. 3
 Formation: Jurassic
 Location: Genesee Valley, Plumas County, Cal.
- *paucicostata* n. sp. Burwash
 Can. Roy. Soc. Proc. Trans., ser. 3, vol. 7, sec. IV, 1914, p. 85, pl. III, fig. 5
 Formation: Cretaceous
 Location: Queen Charlotte Islands
- *paucicostata* (Burwash) Packard
 Oregon Univ. Pub., vol. 1, No. 9, 1921, p. 34
 Formation: Cretaceous ?
 Location: Maud Island, Queen Charlotte Islands
- *plumasensis* (Hyatt) Packard
 Oregon Univ. Pub., vol. 1, No. 9, 1921, p. 32, pl. X, fig. 5
 Formation: Jurassic, Bicknell S. S.
 Location: Mt. Jura, Taylorsville, Cal.
- *poststriata* n. sp. Whitfield and Hovey
 Bull. Amer. Mus. Nat. Hist., vol. 22, 1906, p. 396, pl. XLVIII, figs. 4-6
 Formation: Jurassic
 Location: Black Hills
- *praestriata* n. sp. Cragin
 U. S. Geol. Sur. Bull. 266, 1905, p. 61, pl. X, fig. 7
 Formation: Jurassic
 Location: Malone, Texas
- *proscabra* n. sp. Cragin
 U. S. Geol. Sur. Bull. 266, 1905, p. 60, pl. X, figs. 3-6
 Formation: Jurassic
 Location: Malone, Texas
- *recticostata* (Burwash) Packard
 Oregon Univ. Pub., vol. 1, No. 9, 1921, p. 34
 Formation: Cretaceous
 Location: Maud Island, Queen Charlotte Islands
- *reniformis* n. sp. Burwash
 Can. Roy. Soc. Proc. and Trans., Ser. 3, vol. 7, Sec. IV. 1914, p. 84, pl. II, figs. 1a, b
 Formation: Cretaceous
 Location: Queen Charlotte Islands
- *reniformis* (Burwash) Packard
 Oregon Univ. Pub., vol. 1, No. 9, 1921, p. 35
 Formation: Cretaceous
 Location: Maud Island, Queen Charlotte Islands

- *rudicostata* n. sp. Cragin
 Texas Geol. Sur., Bull. 266, 1905, p. 63, pl. XI, figs. 1, 2
 Formation: Jurassic
 Location: Malone, Texas
- *securiformis* n. sp. Cragin
 Texas Geol. Sur., 4th Ann. Rept., 1893, p. 214, pl. XLVI, fig. 6
 Formation: Cretaceous, Comanche Peak limestone
 Location: Big Springs, Howard County, Texas
- *stolleyi* n. sp. Hill
 Wash. Biol. Soc. Proc., vol. 8, 1893, p. 26, pl. III, figs. 3, 5
 Formation: Cretaceous Glen Rose
 Location: Texas
- *sturgisensis* n. sp. Whitfield and Hovey
 Bull. Amer. Mus. Nat. Hist., vol. 22, 1906, p. 394, pl. XLVII,
 pl. XLVIII, figs. 1-3, 7
 Formation: Jurassic
 Location: Sturgis, S. D.; Mato Teepe, Wyo.; Hulet, Wyoming
- *taffi* n. sp. Cragin
 Texas Geol. Sur., 4th Ann. Rept., 1893, p. 214, no pl.
 Formation: Cretaceous, Comanche series
 Location: El Paso County, Bluff Mesa, 3 miles southwest of
 Sierra Blanca Station and 1 mile northeast of Malone, Texas
- *theracia* (Morton) Johnson
 Phila. Acad. Nat. Sci. Proc., 1898, p. 464, no fig.
 Formation: Cretaceous
 Location: New Jersey
- *thoracia* (Morton) Weller
 Geol. Sur. of N. J. Pal., vol. 4, 1907, p. 460, pl. XLVIII, figs. 1-4
 Formation: Cretaceous
 Location: New Jersey; Alabama; Mississippi; Arkansas; Texas
- *tryoniana* (Gabb) Packard
 Oregon Univ. Pub., vol. 1, No. 9, 1921, p. 19, pl. IV, fig. 4
 Formation: Cretaceous, Chico group
 Location: Tuscan Springs, Tehama County, Cal., Santa Ana, Mts.,
 Cal., North West Bay, Vancouver
- *undulata* (Fromherz) Madsen
 Meddelelser om Grönland, vol. 29, 1903, p. 180, pl. VI, fig. 11
 Formation: Jurassic
 Location: Mt. Nathorst, Greenland
- *verticostata* n. sp. Burwash
 Can. Roy. Soc. Proc. Trans., Ser. 3, vol. 7, Sec. IV, 1914, p. 83,
 pl. III, fig. 4
 Formation: Cretaceous
 Location: Queen Charlotte Islands
- *vyschetskii* n. sp. Cragin
 Texas Geol. Sur., 4th Ann. Rept., 1893, p. 215, no pl.
 Formation: Cretaceous
 Location: 1 mile northeast of Malone, El Paso County, Texas
- *vyschetskii* (Cragin) Cragin
 U. S. Geol. Sur. Bull. 266, 1905, p. 56, pl. VIII, figs. 1, 2; pl. IX,
 fig. 1-3

- Formation: Jurassic
Location: Malone, Texas
- *sp.* Stanton
U. S. Geol. Sur. Bull. 106, 1893, p. 95, no pl.
Formation: Cretaceous
Location: Cinnabar Mountain and near Gallatin City. Montana
- Triplicosta** n. subgen. Cooper
Cal. Acad. Sci. Proc., 2nd ser. vol. 6, 1896, p. 332, no pl.
- Triploporella** *Fraasi* (Steinmann) Böhm
Zeit. Deut. Geol. Gesell., 1898, vol. 50, p. 326,
Formation: Cretaceous
Location: Cerro Escamelo bei Orizaba
- Tritaxia** *tortilis* (Reuss) Bagge
U. S. Geol. Sur. Bull. 88, 1898, p. 31, no pl.
Formation: Cretaceous, Rancocas
Location: New Jersey
- *tortilis* (Reuss) Weller
Geol. Sur. N. J. Pal., vol. 4, 1907, p. 197
Formation: Cretaceous, Vincentown limestone
Location: New Jersey
- *tricarinata* (Reuss) Woodward
New York Microscopical Soc. Journ., vol. 10, No. 4, 1894, p. 97
Formation: Cretaceous
Location: Timber Creek, New Jersey
- *tricarinata* (Reuss) Bagge
U. S. Geol. Sur. Bull. 88, 1898, p. 31, no pl.
Formation: Cretaceous
Location: New Jersey ?
- *tricarinata* (Reuss) Weller
Geol. Sur. N. J. Pal., vol. 4, 1907, p. 197, pl. I, figs. 23, 24
Formation: Cretaceous, Vincentown limestone
Location: Swedesboro, New Jersey
- Triton** *lorillardensis* n. sp. Weller
Geol. Sur. N. J. Pal., vol. 4, 1907, p. 725, pl. LXXXIV, figs. 5-6
Formation: Cretaceous, Woodbury clay
Location: New Jersey
- (*Epidromus*) *præcedens* n. sp. Whitfield
Geol. Sur. N. J., vol. 2, 1892, p. 58, pl. V, figs. 6, 7
Formation: Cretaceous, Lower Green Marls
Location: New Jersey
- (*Epidromus*) *præcedens* n. sp. Whitfield
U. S. Geol. Sur., Mon. 18, 1892, p. 58, pl. V, figs. 6, 7
Formation: Cretaceous, Lower Green Marls
Location: Mullica Hill, New Jersey
- *præcedens* (Whitfield) Weller
Geol. Sur. of N. J. Pal., vol. 4, 1907, p. 726, pl. LXXXIV, figs. 7-8
Formation: Cretaceous, Navesink marl
Location: New Jersey
- Tritonidea** ? *huerfanensis* n. sp. Stanton
U. S. Geol. Sur. Bull. 106, 1893, p. 152, pl. XXXI, fig. 15
Formation: Cretaceous, Pugnellus sandstone

- Location: Poison Canyon, Huerfano County, Colorado
- (?) *huerfanensis* (Stanton) Herrick and Johnson
 Denison Univ. Sci. Lab. Bull. vol. 11, art. 9, 1900, pl. XLIII,
 fig. 15, (no description)
 Formation: Cretaceous
 Location: Near Albuquerque, New Mexico
- Tritonidea obesa* n. sp. Whitfield
 Geol. Sur. N. J., vol. 2, 1892, p. 79, pl. IX, figs. 1-3
 Formation: Cretaceous, Lower Green Marls
 Location: New Jersey
- *obesa* n. sp. Whitfield
 U. S. Geol. Sur., Mon. 18, 1892, p. 79, pl. IX, figs. 1-3
 Formation: Cretaceous, Lower Green Marls
 Location: Mullica Hill, New Jersey
- *kanabense* n. sp. Stanton
 U. S. Geol. Sur. Bull. 106, 1893, p. 150, pl. XXXI, fig. 12
 Formation: Cretaceous
 Location: Kanab, Utah
- *kanabense* (Stanton) Herrick and Johnson
 Denison Univ. Sci. Lab. Bull., vol. 11, art. 9, 1900, pl. XLIII,
 fig. 12 (no description)
 Formation: Cretaceous
 Location: Near Albuquerque, New Mexico
- *kanabense* (Stanton) Johnson
 School of Mines Quart., vol. 24, No. 2, 1903, p. 201, pl. I, fig. 6
 Formation: Cretaceous, Fort Pierre age
 Location: Santa Rosa Mountain, New Mexico
- *kanabense* (Stanton) Johnson
 Columbia Univ. Contr. Geol. Dept., vol. 10, No. 90, 1903, p. 129,
 pl. I, fig. 6
 Formation: Cretaceous, Fort Pierre age
 Location: Santa Rosa, Mountain, New Mexico
- Trochactæon* — see *Actæonella*
- *cylindraceus* ? (Stoliczka) Whiteaves
 Can. Geol. Sur., Mesozoic Fossils, vol. 1, pt. 4, 1900, p. 287, no pl.
 Formation: Cretaceous
 Location: East end of Maud Island; Bear Skin Bay; Queen Charlotte Islands
- *semicostatus* n. sp. Whiteaves
 Can. Geol. Sur., Mesozoic Fossils, vol. 1, pt. 5, 1903, p. 354, pl.
 XLIV, fig. 5
 Formation: Cretaceous
 Location: Roof of Coal, New Vancouver Coal Company's mine,
 Naniamo, Vancouver Island
- Trechammina inflata* (Montagu) Woodward
 New York Microscopical Soc. Journ., vol. 10, No. 4, 1894, p. 92
 Formation: Cretaceous
 Location: Stratton Marl Pit, Mullica Hill; Timber Creek, New
 Jersey
- *inflata* (Montagu) Woodward and Thomas
 Minn. Geol. and Nat. Hist. Sur., Final Rept., vol. 3, pt. 1 1895,

- p. 28, pl. D, fig. 31
 Formation: Cretaceous
 Location: Northeast Minnesota ?; South Chicago, Illinois
- *inflata* (Montagu) Baggs
 U. S. Geol. Sur. Bull. 88, 1898, p. 27, no pl.
 Formation: Cretaceous, Rancocas
 Location: New Jersey
- *inflata* (Montagu) Weller
 Geol. Sur. N. J. Pal., vol. 4, 1907, p. 190, pl. I, figs. 3-5
 Formation: Cretaceous
 Location: Vincertown, New Jersey
- Trochocyathus conoides* (Gabb and Horn) Weller
 Geol. Sur. N. J. Pal., vol. 4, 1907, p. 269, pl. V, figs. 8-10
 Formation: Cretaceous, Manasquan marl
 Location: New Jersey
- *oregonensis* n. sp. Nomland
 Univ. Cal. Pub. Dept. Geol., vol. 9, 1916, p. 63, pl. IV, figs. 9, 10
 Formation: Cretaceous, Chico
 Location: Jackson County, Oregon
- *pergranulatus* n. sp. Nomland
 Univ. Cal. Pub. Dept. Geol., vol. 9, 1916, p. 64, pl. III, figs. 16, 17
 Formation: Cretaceous, Chico
 Location: Mount Diablo, California
- *woolmani* n. sp. Vaughan
 Phil. Acad. Nat. Sci. Proc., 1900, p. 436, figs. 1-3
 Formation: Cretaceous, Matawan clay-marls
 Location: Mt. Laurel, New Jersey
- *woolmani* (Vaughan) Weller
 Geol. Sur. N. J. Pal., vol. 4, 1907, p. 268, pl. V, figs. 5-7
 Formation: Cretaceous, Woodbury clay
 Location: New Jersey
- Trochosmia* ? sp. indt., Vaughan
 U. S. Geol. Sur. Bull. 205, 1903, p. 38, pl. XXVII, figs. 4, 5
 Formation: Cretaceous
 Location: Shoal Creek, Texas
- *texana* (Conrad) Adkins and Winton
 Univ. of Texas Bull. 1945, 1919, p. 79, no pl.
 Formation: Cretaceous, Goodland
 Location: Texas
- Trochus laticonicus* n. sp. Adkins
 Univ. of Texas Bull. No. 1856, 1918, p. 138, pl. X, figs. 30, 31
 Formation: Cretaceous, Weno
 Location: Gainesville, Texas
- sp. Shattuck
 U. S. Geol. Sur. Bull. 205, 1903, p. 31, pl. XIX
 Formation: Cretaceous
 Location: Shoal Creek, Austin, Texas
- *texanus* (Rœm.) Cragin
 Amer. Geol. vol. 14, 1894, p. 11, no pl.
 Formation: Cretaceous, Neocomian
 Location: Belvidere, Kansas

- Tropiceltites** (Mojsisovics) Hyatt and Smith
U. S. Geol. Sur. Prof. Paper 40, 1905, p. 58, no pl.
Formation: Triassic
Location: Shasta county, California
- **frechi** n. sp. Hyatt and Smith
U. S. Geol. Sur. Prof. Paper 40, 1905, p. 59, pl. LXXX, figs. 1-11
Formation: Triassic
Location: Shasta County, California
- Tropigastrites** gen. (**Tropites**) n. gen. Smith
U. S. Geol. Sur. Prof. Paper 83, 1914, p. 25, no pl.
- **halli** (Mojsisovics) Smith
U. S. Geol. Sur. Prof. Paper 83, 1914, p. 27, pl. VI, fig. 4, 5;
pl. XII, figs. 1-5; pl. XIV, figs. 7, 7a; pl. XVIII, figs. 11-14;
pl. LXXXVIII, figs. 14-23
Formation: Triassic
Location: West Humboldt Range, Nevada
- **lahontanus** Smith
U. S. Geol. Sur. Prof. Paper 83, 1914, p. 28, pl. XIX, figs. 14-21;
24-26
Formation: Triassic
Location: West Humboldt Range, Nevada
- Tropigastrites louderbacki** (Hyatt and Smith) Smith
U. S. Geol. Sur. Prof. Paper 83, 1914, p. 29, pl. XVIII, figs. 3-6,
9, 10; pl. XI, figs. 10-12; pl. LXXXVIII, figs. 4-13
Formation: Triassic
Location: West Humboldt Range, Nevada
- **neumayri** (Mojsisovics) Smith
U. S. Geol. Sur. Prof. Paper 83, 1914, p. 29, pl. XVIII, figs. 15-23;
pl. LXXXVIII, figs. 1-3
Formation: Triassic
Location: West Humboldt Range, Nevada
- **obliterans** n. sp. Smith
U. S. Geol. Sur. Prof. Paper 83, 1914, p. 30, pl. LXXXVII, figs.
27-32
Formation: Triassic
Location: West Humboldt Range, Nevada
- **powelli** n. sp. Smith
U. S. Geol. Sur. Prof. Paper 83, 1914, p. 31, pl. XVIII, figs. 1,
2, 7, 8, 8a; pl. XCVII, figs. 1-12
Formation: Triassic
Location: West Humboldt Range, Nevada
- **rothpletzi** n. sp. Smith
U. S. Geol. Sur. Prof. Paper 83, 1914, p. 31, pl. XIX, figs. 1-13,
22, 23; pl. LXXXVII, figs. 24-26
Formation: Triassic
Location: West Humboldt Range, Nevada
- **trojanus** n. sp. Smith
U. S. Geol. Sur. Prof. Paper 83, 1914, p. 32, pl. XVII, figs. 1-30
Formation: Triassic
Location: West Humboldt Range, Nevada
- Tropites** see **Tropigastrites**

- (*Mojsisovics*) *Smith*
Cal. Acad. Sci. Proc., 3d ser. vol. 1, 1904, p. 392, no pl.
- (*Mojsisovics*) *Hyatt and Smith*
U. S. Geol. Sur. Prof. Paper 40, 1905, p. 65, no pl.
- *dilleri* n. sp. *Smith*
Cal. Acad. Sci. Proc., 3d ser. vol. 1, 1904, p. 393, pl. XLVI, figs. 3-4; pl. XLVII, fig. 3
Formation: Triassic, Karnic
Location: California
- *subbullatus* (*Hauer*) *Hyatt and Smith*
U. S. Geol. Sur. Prof. Paper 40, 1905, p. 67, pl. XXXIII, figs. 1-7; pl. XXXIV, figs. 1-14; pl. LXXIX, figs. 1-10
Formation: Triassic
Location: Shasta County, California
- *subbullatus* (*Hauer*) *Smith*
Leland Stan. Jun. Univ. Pub. 1914, pl. IV, figs. 11-21
Formation: Triassic
Location: California
- *torquillus* (*Mojsisovics*) *Smith*
Cal. Acad. Sci. Proc., 3d ser. vol. 1, 1904, p. 394, pl. XLVI, figs. 5-6; pl. XLVII, fig. 4
Formation: Triassic, Karnic
Location: California
- Tropitidae** (*Mojsisovics*) *Smith*
U. S. Geol. Sur. Prof. Paper 83, 1914, p. 24, no pl.
- (*Mojsisovics*) *Hyatt and Smith*
U. S. Geol. Sur. Prof. Paper 40, 1905, p. 52, no pl.
- Tropitoidae** suborder *Hyatt and Smith*
U. S. Geol. Sur. Prof. Paper 40, 1905, p. 25
- Truncatulina akneriana** (*d'Orbigny*) *Bagg*
U. S. Geol. Sur. Bull. 88, 1898, p. 64, no pl.
Formation: Cretaceous
Location: New Jersey
- *akneriana* (*d'Orbigny*) *Weller*
Geol. Sur. N. J. Pal., vol. 4, 1907, p. 257, pl. IV, figs. 4-6
Formation: Cretaceous, Manasquan Marl
Location: Vincentown, New Jersey
- *haidingerii* (*d'Orbigny*) *Woodward*
New York Microscopical Soc. Journ., vol. 10, No. 4, 1894, p. 134
Formation: Cretaceous
Location: Timber Creek, New Jersey
- *haidingerii* (*d'Orbigny*) *Bagg*
U. S. Geol. Sur. Bull. 88, 1898, p. 65, no pl.
Formation: Cretaceous
Location: New Jersey
- *haidingerii* (*d'Orbigny*) *Weller*
Geol. Sur. N. J. Pal., vol. 4, 1907, p. 257, pl. IV, figs. 7-9
Formation: Cretaceous, Vincentown limesand
Location: Vincentown, New Jersey
- *lobatula* (*Walker and Jacob*) *Woodward*
New York Microscopical Soc. Journ., vol. 10, No. 4, 1894, p. 135

- Formation: Cretaceous
 Location: Mullica Hill; Timber Creek, New Egypt, N. J.
- *lobatula* (Walker and Jacob) Baggs
 U. S. Geol. Sur. Bull. 88, 1898, p. 65, no pl.
 Formation: Cretaceous
 Location: New Jersey
- *lobatula* (Walker and Jacob) Weller
 Geol. Sur. N. J. Pal., vol. 4, 1907, p. 258, pl. IV, figs. 10-12
 Formation: Cretaceous, Marshalltown clay marl
 Location: Marshalltown, New Jersey
- *refulgens* (Montfort) Baggs
 U. S. Geol. Sur. Bull. 88, 1898, p. 66, no pl.
 Formation: Cretaceous
 Location: New Jersey
- *refulgens* (Montfort) Weller
 Geol. Sur. N. J. Pal., vol. 4, 1907, p. 259, pl. IV, figs. 13-15
 Formation: Cretaceous, Marshalltown
 Location: New Jersey
- *sp. Calvin*
 Iowa Geol. Sur., vol. III, 2nd Ann. Rept., 1895, p. 229, pl. XIX, fig. 10
 Formation: Cretaceous
 Location: Saint Helena, Nebraska; Yankton, S. Dakota
- *ungeriana* (d'Orbigny) Woodward
 New York Microscopical Soc. Journ., vol. 10, No. 4, 1894, p. 136
 Formation: Cretaceous
 Location: Mullica Hill, Timber Creek, N. J.
- *ungeriana* (d'Orbigny) Baggs
 U. S. Geol. Sur. Bull. 88, 1898, p. 66, no pl.
 Formation: Cretaceous
 Location: New Jersey
- *ungeriana* (d'Orbigny) Weller
 Geol. Sur. N. J. Pal., vol. 4, 1907, p. 260, pl. IV, figs. 16-18
 Formation: Cretaceous, Vincentown limesand
 Location: Vincentown, New Jersey
- *wuellerstorfi* (Schwager) Baggs
 U. S. Geol. Sur. Bull. 88, 1898, p. 66, no pl.
 Formation: Cretaceous
 Location: New Jersey
- *wuellerstorfi* (Schwager) Weller
 Geol. Sur. N. J. Pal., vol. 4, 1907, p. 261, pl. IV, figs. 19-21
 Formation: Cretaceous, Manasquan marls
 Location: Vincentown, New Jersey
- Tuba* ? *reticulata* n. sp. Johnson
 Phila. Acad. Nat. Sci. Proc., 1898, p. 464, no fig.
 Formation: Cretaceous
 Location: New Jersey
- Tubinopsis septariana* n. sp. Cragin
 Texas Geol. Sur., 4th Ann. Rept., 1893, p. 230, pl. XLII, fig. 3
 Formation: Cretaceous, Eagle Ford Shale
 Location: 4 miles east of Whitesboro, Texas

Tudicula planimarginata n. sp. Whitfield

Geol. Sur. N. J., vol. 2, 1892, p. 33, pl. I, figs. 1-3

Formation: Cretaceous, Lower Green Marls

Location: New Jersey

Tudicula planimarginata n. sp. Whitfield

U. S. Geol. Sur., Mon. 18, 1892, p. 33, pl. I, figs. 1-3

Formation: Cretaceous, Lower Green Marls

Location: Crosswicks Creek, New Jersey

Tulotoma thompsoni (White) Stanton

U. S. Geol. Sur. Prof. Pauer 98, 1916, p. 318, pl. LXXXIII, figs. 9-11

Formation: Upper Cretaceous

Location: San Juan Basin, New Mexico

Turbinella alabamaensis (Gabb) Weller

Geol. Sur. of N. J. Pal., vol. 4, 1907, p. 768, pl. XCI, figs. 1-6

Formation: Cretaceous, Wenonah sand, Navesink marl

Location: New Jersey; Alabama

— **intermedia** n. sp. Weller

Geol. Sur. N. J. Pal., vol. 4, 1907, p. 767, pl. XC, figs. 18-22

Formation: Cretaceous, Merchantville clay-marl

Location: New Jersey

— ? **parva** (Gabb) Whitfield

Geol. Sur. N. J., vol. 2, 1892, p. 80, pl. IX, figs. 4-6

Formation: Cretaceous, Lower Green Marls

Location: New Jersey

— ? **parva** (Gabb) Whitfield

U. S. Geol. Sur., Mon. 18, 1892, p. 80, pl. IX, figs. 4-6

Formation: Cretaceous, Lower Green Marls

Location: Monmouth County, New Jersey

— **parva** (Gabb) Weller

Geol. Sur. N. J. Pal., vol. 4, 1907, p. 770, pl. XC, figs. 23-24

Formation: Cretaceous, Navesink marl

Location: New Jersey

— ? **subconica** (Gabb) Whitfield

Geol. Sur. N. J., vol. 2, 1892, p. 81, pl. IX, figs. 7, 8

Formation: Cretaceous, Lower Green Marls

Location: New Jersey

— ? **subconica** (Gabb) Whitfield

U. S. Geol. Sur., Mon. 18, 1892, p. 81, pl. IX, figs. 7, 8

Formation: Cretaceous, Lower Green Marls

Location: Monmouth County, New Jersey

— **subconica** (Gabb) Weller

Geol. Sur. N. J. Pal., vol. 4, 1907, p. 771, pl. XCI, figs. 11-12

Formation: Cretaceous, Navesink marl

Location: New Jersey

— ? **verticalis** n. sp. Whitfield

Geol. Sur. N. J., vol. 2, 1892, p. 82, pl. III, figs. 14, 15

Formation: Cretaceous, Lower Green Marls

Location: New Jersey

— ? **verticalis** n. sp. Whitfield

U. S. Geol. Sur., Mon. 18, 1892, p. 82, pl. III, figs. 14, 15

- Formation: Cretaceous, Lower Green Marls
 Location: Burlington and Upper Freehold, New Jersey
- Turbinopsis** (Conrad) Whitfield
 U. S. Geol. Sur., Mon. 18, 1892, p. 98, no pl.
 Geol. Sur. N. J., vol. 2, 1892, p. 98, no pl.
- **angulata** n. sp. Whitfield
 Geol. Sur. N. J., vol. 2, 1892, p. 101, pl. XII, figs. 17, 18
 Formation: Cretaceous, Lower Green Marls
 Location: New Jersey
- **angulata** n. sp. Whitfield
 U. S. Geol. Sur., Mon. 18, 1892, p. 101, pl. XII, figs. 17, 18
 Formation: Cretaceous, Lower Green Marls
 Location: Crosswicks Creek, New Jersey
- **angulata** (Whitfield) Weller
 U. S. Geol. Sur. N. J. Pal., vol. 4, 1907, p. 796, pl. XCVIII, figs. 12, 13
 Formation: Cretaceous, Navesink marl
 Location: New Jersey
- **curta** n. sp. Whitfield
 Geol. Surv. N. J. vol. 2, 1892, p. 102, pl. XII, figs. 3-6
 Formation: Cretaceous, Lower Green Marls
 Location: New Jersey
- **curta** n. sp. Whitfield
 U. S. Geol. Sur., Mon. 18, 1892, p. 102, pl. XII, figs. 3-6
 Formation: Cretaceous, Lower Green Marls
 Location: Crosswicks and Trenton Falls, New Jersey
- ? **curta** (Whitfield) Weller
 Geol. Sur. N. J. Pal., vol. 4, 1907, p. 798, pl. XCVIII, figs. 4-5
 Formation: Cretaceous, Navesink marl
 Location: New Jersey
- **depressa** (Gabb) Weller
 Geol. Sur. N. J. Pal., vol. 4, 1907, p. 794, pl. XCVIII, figs. 6-11
 Formation: Cretaceous, Wenonah sand, Navesink marl
 Location: New Jersey
- **elevata** n. sp. Whitfield
 Geol. Sur. N. J., vol. 2, 1892, p. 102, pl. XII, figs. 10-14
 Formation: Cretaceous, Lower Green Marls
 Location: New Jersey
- **elevata** n. sp. Whitfield
 U. S. Geol. Sur., Mon. 18, 1892, p. 102, pl. XII, figs. 10-14
 Formation: Cretaceous, Lower Green Marls
 Location: Crosswicks, New Jersey
- ? **elevata** (Whitfield) Weller
 Geol. Sur. N. J. Pal., vol. 4, 1907, p. 797, pl. XXXIII, figs. 14, 15
 Formation: Cretaceous, Navesink marl
 Location: New Jersey
- **hilgardi** ? (Conrad) Whitfield
 Geol. Sur. N. J., vol. 2, 1892, p. 100, pl. XII, figs. 7-9
 Formation: Cretaceous, Lower Green Marls
 Location: New Jersey; Mississippi
- **hilgardi** ? (Conrad) Whitfield

- U. S. Geol. Sur., Mon. 18, 1892, p. 100, pl. XII, figs. 7-9
 Formation: Cretaceous, Lower Green Marls
 Location: Mullica Hill, Holmdel and Monmouth County, New Jersey
- **major** n. sp. Whitfield
 Geol. Sur. N. J., vol. 2, 1892, p. 103, pl. XII, figs. 15, 16, 21-23
 Formation: Cretaceous, Lower Green Marls
 Location: New Jersey
- **major** n. sp. Whitfield
 U. S. Geol. Sur., Mon. 18, 1892, p. 103, pl. XII, figs. 15, 16, 21-23
 Formation: Cretaceous, Lower Green Marls
 Location: Navesink Hills, New Jersey
- **major** (Whitfield) Weller
 Geol. Sur. N. J. Pal., vol. 4, 1907, p. 799, pl. LXXXIII, figs. 7-8
 Formation: Cretaceous, Navesink marl
 Location: New Jersey
- **plicata** n. sp. Whitfield
 Geol. Sur. N. J. vol. 2, 1892, p. 104, pl. XII, figs. 1, 2
 Formation: Cretaceous, Lower Green Marls
 Location: Crosswicks, New Jersey
- **plicata** n. sp. Whitfield
 U. S. Geol. Sur., Mon. 18, 1892, p. 104, pl. XII, figs. 1, 2
 Formation: Cretaceous, Lower Green Marls
 Location: Crosswicks, New Jersey
- Turbo beneclathratus** n. sp. Cragin
 U. S. Geol. Sur. Bull. 266, 1905, p. 88, pl. XIX, figs. 10, 11
 Formation: Jurassic
 Location: Malone, Texas
- **colusaensis** n. sp. Stanton
 U. S. Geol. Sur. Bull. 133, 1895, p. 66, pl. XII, fig. 14
 Formation: Cretaceous, Knoxville beds
 Location: Wilbur Springs, Colusa County, California
- **? humerosus** n. sp. Stanton
 U. S. Geol. Sur. Bull. 133, 1895, p. 67, pl. XII, figs. 10, 11
 Formation: Cretaceous, Knoxville beds
 Location: Lowerys, Tehama County, California
- **morganensis** n. sp. Stanton
 U. S. Geol. Sur. Bull. 133, 1895, p. 66, pl. XII, fig. 13
 Formation: Cretaceous, upper part of Knoxville beds
 Location: Morgan Valley, Lake County, California
- **paskentaensis** n. sp. Stanton
 U. S. Geol. Sur. Bull. 133, 1895, p. 64, pl. XII, figs. 5, 6
 Formation: Cretaceous, 3,000 feet below the top of Knoxville beds
 Location: Paskenta, Tehama County, California
- **trilineatus** n. sp. Stanton
 U. S. Geol. Sur. Bull. 133, 1895, p. 65, pl. XII, fig. 12
 Formation: Cretaceous, upper Knoxville beds
 Location: Lowerys, Tehama County, California
- **wilburensis** n. sp. Stanton
 U. S. Geol. Bull. 133, 1895, p. 65, pl. XII, fig. 15
 Formation: Cretaceous, Knoxville beds

- Location: Wilbur Springs, Colusa County, California
Turbonilla ? cordensis Stanton, n. sp. Stanton and Vaughan
 U. S. Geol. Sur. Prof. Paper, 128A, 1920, p. 34, pl. v1, figs. 8a, 8b
 Formation: Cretaceous, Cannonball
 Location: Almont, North Dakota
- Turnus kummeli** n. sp. Weller
 Geol. Sur. of N. J. Pal., vol. 4, 1907, p. 652, pl. LXXIV, figs. 4-6
 Formation: Cretaceous, Marshalltown clay-marl, Merchantville clay-marl
 Location: New Jersey
- Turricula bacata** Stanton, n. sp. Stanton and Vaughan
 U. S. Geol. Sur. Prof. Paper, 128A, 1920, p. 46, pl. IX, figs. 4, 5
 Formation: Cretaceous, Cannonball
 Location: Cannonball River near Kayser, N. Dakota; Heart River near Almont, N. Dakota
- **cincta** Stanton, n. sp. Stanton and Vaughan
 U. S. Geol. Sur. Prof. Paper, 128A, 1920, p. 46, pl. IX, figs. 6a, 6b
 Formation: Cretaceous, Cannonball
 Location: Heart River near Almont, N. Dakota; Cannonball River near Kayser, N. Dakota
- ? **contorta** (M. & H.) Stanton and Vaughan
 U. S. Geol. Sur. Prof. Paper, 128A, 1920, p. 47, pl. IX, figs. 7, 8
 Formation: Cretaceous, Cannonball
 Location: Moreau River, S. Dakota; Heart River near Flasher, N. Dakota; Heart River near Almont, N. Dakota; near Kayser, N. Dakota
- **jonesburgensis** (Stanton) n. sp. Stanton and Vaughan
 U. S. Geol. Sur. Prof. Paper, 128A, 1920, p. 45, pl. IX, figs. 2a, 2b
 Formation: Cretaceous, Cannonball
 Location: Cannonball River near Jonesburg, N. Dakota
- **leda** n. sp. Whitfield
 Geol. Sur. N. J., vol. 2, 1892, p. 93, pl. XI, fig. 7
 Formation: Cretaceous, Lower Green Marls
 Location: New Jersey
- **leda** n. sp. Whitfield
 U. S. Geol. Sur., Mon. 18, 1892, p. 93, pl. XI, fig. 7
 Formation: Cretaceous, Lower Green Marls
 Location: Freehold, New Jersey
- **leda** (Whitfield) Weller
 Geol. Sur. N. J. Pal., vol. 4, 1907, p. 790, pl. XCVII, fig. 9
 Formation: Cretaceous, Navesink marl
 Location: New Jersey
- **reileyi** n. sp. Whitfield
 Geol. Sur. N. J., vol. 2, 1892, p. 92, pl. XI, fig. 8
 Formation: Cretaceous, Lower Green Marls
 Location: New Jersey
- **reileyi** n. sp. Whitfield
 U. S. Geol. Sur., Mon. 18, 1892, p. 92, pl. XI, fig. 8
 Formation: Cretaceous, Lower Green Marls
 Location: Freehold, New Jersey
- **reileyi** (Whitfield) Weller

- Geol. Sur. N. J. Pal., vol. 4, 1907, p. 791, pl. XCVII, fig. 10
 Formation: Cretaceous, Navesink marl
 Location: New Jersey
- *scalariformis* n. sp. Whitfield
 Geol. Sur. N. J., vol. 2, 1892, p. 95, pl. XI, fig. 9
 Formation: Cretaceous, Lower Green sand
 Location: New Jersey
- *scalariformis* n. sp. Whitfield
 U. S. Geol. Sur., Mon. 18, 1892, p. 95, pl. XI, fig. 9
 Formation: Cretaceous, Lower Green sand
 Location: Holmdel, New Jersey
- *scalariformis* (Whitfield) Weller
 Geol. Sur. N. J. Pal., vol. 4, 1907, p. 789, pl. XCVII, fig. 11
 Formation: Cretaceous, Navesink marl
 Location: New Jersey
- *textilis* Stanton, n. sp. Stanton and Vaughan
 U. S. Geol. Sur. Prof. Paper, 128A, 1920, p. 46, pl. IX, figs. 3a, 3b
 Formation: Cretaceous, Cannonball
 Location: Cannonball River near Kayser, N. Dakota
- Turrilites bosquensis* n. sp. Adkins
 Univ. of Texas Bull. 1856, 1918, p. 76, pl. III, figs. 3, 7
 Formation: Cretaceous, Middle of Del Rio Clay
 Location: Near Waco, Texas
- *brazoensis* (Rømer) Lasswitz
 Geol. and Pal. Abh. N. F. 6, Heft. 4, 1904, p. 13, Taf. II (XIV),
 fig. 2
 Formation: Cretaceous
 Location: Texas
- *brazoensis* (Rømer) Whitney
 Univ. of Texas Bull. 184, 1911, p. 24, pl. XII, fig. 1
 Formation: Cretaceous, Buda
 Location: Shoal and Barton creeks, Austin, Texas
- *brazoensis* (Rømer) Whitney
 Tex. Acad. Sci. Trans., vol. 12, 1913, p. 24, pl. XII, fig. 1
 Formation: Cretaceous, Buda limestone
 Location: Barton and Shoal creeks, Austin, Texas
- *brazoensis* (Rømer) Adkins and Winton
 Univ. of Texas Bull. 1945, 1919, p. 45, pl. VII, figs. 14-15
 Formation: Cretaceous, Mainstreet
 Location: Oklahoma and Texas
- *charlottensis* (Whiteaves) Whiteaves
 Can. Geol. Sur., Mesozoic Fossils, vol. 1, pt. 4, 1900, p. 271,
 pl. XXXIV.
 Formation: Cretaceous
 Location: Skidegate Inlet at Bearskin Bay; Maple Island; north
 side of Cumshewa Inlet of Queen Charlotte Islands
- *pauper* n. sp. Whitfield
 Geol. Sur. N. J., vol. 2, 1892, p. 268, pl. XLV, figs. 1-5
 Formation: Cretaceous, Lower Green Marls
 Location: New Jersey
- *pauper* n. sp. Whitfield

- U. S. Geol. Sur., Mon. 18, 1892, p. 268, pl. XLV, figs. 1-5
Formation: Cretaceous, Lower Green Marls
Location: Navesink, New Jersey
- **pauper** (Whitfield) Weller
Geol. Sur. N. J. Pal., vol. 4, 1907, p. 834, pl. CVIII, figs. 1-4
Formation: Cretaceous, Marshalltown clay-marl, Wenonah sand,
Navesink marl
Location: New Jersey
- **peramplus** n. sp. Lasswitz
Geol. and Pale. Abh. N. F. 6, Heft. 4, 1904, p. 14, Taf. II (XIV),
figs. 1a, 1b
Formation: Cretaceous
Location: Texas
- **roemeri** n. sp. Whitney
Texas Acad. Sci. Trans., vol. 12, 1913, p. 24, pl. XII, figs. 2, 3
Formation: Cretaceous, Buda limestone
Location: Shoal Creek, Austin Texas
- **roemeri** n. sp. Whitney
Univ. of Texas Bull. 184, 1911, p. 24, pl. XII, figs. 2, 3
Formation: Cretaceous
Location: Barton and Shoal creeks, Austin, Texas
- **sp. Adkins**
Univ. of Texas Bull. No. 1856, 1918, p. 78, pl. III, figs. 2, 4
Formation: Cretaceous, Pawpaw clay
Location: Texas
- **sp. B. Adkins and Winton**
Univ. of Texas Bull. 1945, 1919, p. 45, pl. VII, figs. 7, 8
Formation: Cretaceous, Pawpaw, Mainstreet and Grayson
Location: North Texas
- **sp. indt. (Whiteaves) Whiteaves**
Geol. Sur. Can., Mesozoic Fossils, vol. 1, pt. 4, 1900, p. 272, no pl.
Formation: Cretaceous
Location: Skidegate Inlet, Queen Charlotte Islands
- **worthensis** (Adkins and Winton) Adkins
Univ. of Texas Bull. No. 1856, 1918, p. 78, pl. III, figs. 1, 6
Formation: Cretaceous, Pawpaw
Location: Denton to Johnson County, Texas
- **worthensis** n. sp. Adkins and Winton
Univ. of Texas Bull. 1945, 1919, p. 44, pl. VII, figs. 10, 11, 13
Formation: Cretaceous, Pawpaw
Location: Fort Worth, Texas
- **Wysogorskii** n. sp. Lasswitz
Geol. and Pale. Abh. N. F. 6, Heft. 4, 1904, p. 15, Taf. I (XIII).
fig. 5
Formation: Cretaceous
Location: Texas
- Turris** (Bolton) Gardner
Maryland Geol. Sur., U. Cret., 1916, p. 414, no pl.
- **cordensis** Stanton, n. sp. Stanton and Vaughan
U. S. Geol. Sur. Prof. Paper 128A, 1920, p. 45, pl. VIII, fig. 12
Formation: Cretaceous, Cannonball

- Location: Heart River near Almont, N. Dakota
- **loydii** Stanton, n. sp. Stanton and Vaughan
U. S. Geol. Sur. Prof. Paper 128A, 1920, p. 45, pl. VIII, fig. 16
Formation: Cretaceous, Cannonball
Location: Cannonball River near Leigh, N. Dakota; Heart River near Manden, N. Dakota
- **monmouthensis** n. sp. Gardner
Maryland Geol. Sur., U. Cret., 1916, p. 418, pl. XIV, figs. 3, 4
Formation: Cretaceous, Monmouth
Location: Maryland
- **sedesclara** n. sp. Gardner
Maryland Geol. Sur., U. Cret., 1916, p. 418, pl. XIV, figs. 1, 2
Formation: Cretaceous, Monmouth
Location: Maryland
- **terramaria** n. sp. Gardner
Maryland Geol. Sur., U. Cret., 1916, p. 416, pl. XIV, fig. 6
Formation: Cretaceous, Monmouth
Location: Maryland
- ? **tormentaria** Stanton, n. sp. Stanton and Vaughan
U. S. Geol. Sur. Prof. Paper 128A, 1920, p. 45, pl. IX, figs. 1a, b
Formation: Cretaceous, Cannonball
Location: Cannonball River near Kayser, N. Dakota
- Turris welleri** n. sp. Gardner
Maryland Geol. Sur., U. Cret., 1916, p. 417, pl. XIV, fig. 7
Formation: Cretaceous, Monmouth
Location: Maryland
- Turritella** (Lamark) Gardner
Maryland Geol. Sur., U. Cret., 1916, p. 486, no pl.
- **austinensis** n. sp. Ellisor
Univ. of Texas Bull. No. 1840, 1918, p. 16, pl. IV, figs. 3, 4
Formation: Cretaceous, Georgetown limestone
Location: Shoal Creek, Austin, Texas
- **bartonensis** n. sp. Ellisor
Univ. of Texas Bull. No. 1840, 1918, p. 9, pl. II, figs. 1, 2, 3
Formation: Cretaceous, Buda limestone
Location: Shoal and Barton creeks, Austin, Texas
- **belvideri** n. sp. Cragin
Sci. New. Ser. vol. 6, 1897, p. 134, no pl.
Formation: Cretaceous, Kiowa
Location: Kansas
- **bonaspes** n. sp. Gardner
Maryland Geol. Sur., U. Cret., 1916, p. 487, pl. XVII, fig. 10
Formation: Cretaceous, Magothy
Location: District of Columbia, Maryland
- **bonnellensis** n. sp. Ellisor
Univ. of Texas Bull. No. 1840, 1918, p. 17, pl. IV, figs. 5, 6
Formation: Cretaceous, Georgetown limestone
Location: East side of Mt. Bonnell and Shoal Creek, Austin, Texas
- **Bravœnsis** n. sp. Böse
Inst. Geol. de México, Bol. 25, 1910, p. 149, Lám. XXXI, figs. 8, 9; Lám. XXXII, figs. 1, 2

- Formation: Vraconian
Location: Cerro Muleros
- *budaensis* n. sp. Shattuck
U. S. Geol. Sur. Bull. 205, 1903, p. 31, pl. XIX, figs. 4-6
Formation: Cretaceous
Location: Shoal, Bouldin and Barton creeks, Austin, Texas;
Onion Creek, Buda, Texas
 - *budaensis* (Shattuck) Ellisor
Univ. of Texas Bull. No. 1840, 1918, p. 10, pl. II, figs. 4-6
Formation: Cretaceous, Buda limestone
Location: Manchaca, Round Rock, Buda, Austin, Texas
 - *burkarti* n. sp. Cragin
U. S. Geol. Sur. Bull. 266, 1905, p. 92, pl. XX, fig. 5
Formation: Jurassic
Location: Malone, Texas
 - *bybeeii* n. sp. Ellisor
Univ. of Texas Bull. No. 1840, p. 7, pl. I, figs. 1, 2
Formation: Cretaceous, Buda limestone
Location: Round Rock, Texas
 - *Cardenasensis* n. sp. Böse
Inst. Geol. de México, Bol. 24, 1906, p. 62, Lám. XIII, figs. 4-6,
10-13; Lám. XIV, fig. 3
Formation: Cretaceous, Lower Senonian
Location: Near Cárdenas, Mexico
 - *coalvillensis* (Meek) Cragin
Texas Geol. Sur. 4th Ann. Rept., 1893, p. 230, no pl.
Formation: Cretaceous, Lower Cross Timber Sandstone
Location: Near Lewisville, Texas
 - *compacta* n. sp. Whitfield
Geol. Sur. N. J., vol. 2, 1892, p. 142, pl. XVIII, figs. 8, 9
Formation: Cretaceous, Lower Green Marls
Location: New Jersey
 - *compacta* n. sp. Whitfield
U. S. Geol. Sur., Mon. 18, 1892, p. 142, pl. XVIII, figs. 8, 9
Formation: Cretaceous, Lower Green Marls
Location: Vincentown, New Jersey
 - *delmar* n. sp. Gardner
Maryland Geol. Sur., U. Cret., 1916, p. 487, pl. XVII, figs. 3, 4
Formation: Cretaceous, Matawan
Location: Maryland
 - *denisonensis* n. sp. Cragin
Colo. Coll. Studies, 4 Ann. Rept., 1894, p. 65. no pl.
Formation: Cretaceous, Choctaw limestone
Location: Near Denison, Texas
 - *encrinoides* (Morton) Whitfield
Geol. Sur. N. J., vol. 2, 1892, p. 143, pl. XVIII, figs. 19-22
Formation: Cretaceous, Lower Green Marls
Location: New Jersey! Alabama
 - *encrinoides* (Morton) Whitfield
U. S. Geol. Sur., Mon. 18, 1892, p. 143, pl. XVIII, figs. 19-22
Formation: Cretaceous, Lower Green Marls

- Location: New Jersey
- **encrinoides** (Morton) Weller
 Geol. Sur. of N. J. Pal., vol. 4, 1907, p. 694, pl. LXXXVIII, figs. 10-13
 Formation: Cretaceous, Navesink marl
 Location: New Jersey; Alabama
- **encrinoides** (Morton) Gardner
 Maryland Geol. Sur., U. Cret., 1916, p. 492, no pl.
 Formation: Cretaceous, Matawan, Monmouth
 Location: Delaware; New Jersey; Maryland
- **felteri** n. sp. Ellisor
 Univ. of Texas Bull. No. 1840, 1918, p. 11, pl. II, figs. 7, 8
 Formation: Cretaceous, Buda limestone
 Location: Austin, Texas
- **galisteoensis** n. sp. Johnson
 School of Mines Quart., vol. 24, No. 2, 1903, p. 200, pl. I, fig. 5
 Formation: Cretaceous, Fort Pierre age
 Location: Galisteo Valley, New Mexico
- **galisteoensis** n. sp. Johnson
 Columbia Univ. Contr. Geol. Dept., vol. 10, No. 90, 1903, p. 128, pl. I, fig. 5
 Formation: Cretaceous, Ft. Pierre
 Location: Galisteo Valley, New Mexico
- **georgetownensis** n. sp. Ellisor
 Univ. of Texas Bull. No. 1840, 1918, p. 15, pl. IV, figs. 1, 2
 Formation: Cretaceous, Georgetown limestone
 Location: Shoal Creek, Austin, Texas
- **granulata** (Sow., var. **cenomanensis** d'Orbigny) Böse
 Inst. Geol. de México, Bol. 25, 1910, p. 147, Lám. XXXI, figs. 3-5, 7, 10-12
 Formation: Lower Cenomanian
 Location: Cerro Muleros
- ? **granulicostata** (Gabb) Whitfield
 Geol. Sur. N. J., vol. 2, 1892, p. 144, pl. XVIII, figs. 10, 11
 Formation: Cretaceous, Lower Green Marls
 Location: New Jersey
- ? **granulicostata** (Gabb) Whitfield
 U. S. Geol. Sur., Mon. 18, 1892, p. 144, pl. XVIII, figs. 10, 11
 Formation: Cretaceous, Lower Green Marls
 Location: Burlington County, New Jersey
- ? **granulicostata** (Gabb) Weller
 Geol. Sur. of N. J. Pal., vol. 4, 1907, p. 696, pl. LXXIX, figs. 15-17
 Formation: Cretaceous, Navesink marl
 Location: New Jersey
- **graysonensis** n. sp. Adkins
 Univ. of Texas Bull. No. 1856, 1918, p. 140, pl. X, fig. 43
 Formation: Cretaceous, Weno, Pawpaw
 Location: Denison, Texas
- **hardimanensis** (Gabb) Whitfield
 Geol. Sur. N. J., vol. 2, 1892, p. 145, no pl.
 Formation: Lower Cretaceous

- Location: New Jersey
- *hardimanensis* (Gabb) Whitfield
U. S. Geol. Sur., Mon. 18, 1892, p. 145, no pl.
Formation: Cretaceous, Lower Green Marls
Location: New Jersey
 - *harsi* n. sp. (Stanton) Stanton and Vaughan
U. S. Geol. Sur. Prof. Paper 128A, 1920, p. 37, pl. VI, fig. 12
Formation: Cretaceous, Cannonball
Location: Cedar Creek, North Dakota
 - *jerseyensis* n. sp. Weller
Geol. Sur. N. J. Pal., vol. 4, 1907, p. 702, pl. LXXIX, figs. 2, 3
Formation: Cretaceous, Cliffwood clay
Location: New Jersey
 - *knikeri* n. sp. Ellisor
Univ. of Texas Bull. No. 1840, 1918, p. 12, pl. III, figs. 5, 6
Formation: Cretaceous, Buda limestone
Location: Austin, Texas
 - *lenolensis* n. sp. Weller
Geol. Sur. of N. J. Pal., vol. 4, 1907, p. 698, pl. LXXVIII, fig. 8
Formation: Cretaceous, Merchantville clay-marl, Woodbury clay
Location: New Jersey
 - *lippincotti* n. sp. Whitfield
Geol. Sur. N. J., vol. 2, 1892, p. 145, pl. XVIII, figs. 23, 24
Formation: Cretaceous, Lower Green Marls
Location: New Jersey
 - *lippincotti* n. sp. Whitfield
U. S. Geol. Sur., Mon. 18, 1892, p. 145, pl. XVIII, figs. 23, 24
Formation: Cretaceous, Lower Green Marls
Location: New Egypt, at upper Freehold, Holmdel and Waln-
ford, New Jersey
 - *lippincotti* (Whitfield) Weller
Geol. Sur. of N. J. Pal., vol. 4, 1907, p. 698, pl. LXXIX, fig. 1
Formation: Cretaceous, Navesink marl
Location: New Jersey
 - *lorillardensis* n. sp. Weller
Geol. Sur. of N. J. Pal., vol. 4, 1907, p. 703, pl. LXXIX, figs.
10-12
Formation: Cretaceous, Woodbury clay
Location: New Jersey
 - *mabriensis* n. sp. Ellisor
Univ. of Texas Bull. No. 1840, 1918, p. 18, pl. IV, fig. 8
Formation: Cretaceous, Gorgetown limestone
Location: Camp Mabry and Barton Creek, Austin, Texas
 - *manchacensis* n. sp. Ellisor
Univ. of Texas Bull. No. 1840, 1918, p. 12, pl. III, figs. 3, 4
Formation: Cretaceous, Buda limestone
Location: Manchaca, Texas
 - *marshalltownensis* n. sp. Weller
Geol. Sur. of N. J. Pal., vol. 4, 1907, p. 705, pl. LXXIX, fig. 14
Formation: Cretaceous, Marshalltown clay-marl
Location: New Jersey

- *merchantvillensis* n. sp. Weller
 Geol. Sur. of N. J. Pal., vol. 4, 1907, p. 704, pl. LXXIX, fig. 13
 Formation: Cretaceous, Merchantville clay-marl
 Location: New Jersey
- *micronema* (Meek) Stanton
 U. S. Geol. Sur. Bull. 106, 1893, p. 131, pl. XXIX, fig. 3
 Formation: Cretaceous
 Location: Coalville, Utah
- *moorei* n. sp. Ellisor
 Univ. of Texas Bull. No. 1840, 1918, p. 14, pl. III, fig. 7, 8
 Formation: Cretaceous, Buda limestone
 Location: Austin, Texas
- cfr. *nodosa* (Stoliczka) (Rømer) Böse
 Inst. Geol. de México, Bol. 25, 1910, p. 150, Lám. XXXI, fig. 13
 Formation: Vraconian
 Location: Cerro Muleros
- *paravertebroides* n. sp. Gardner
 Maryland Geol. Sur., U. Cret., 1916, p. 488, pl. XVII, fig. 1
 Formation: Cretaceous, Monmouth
 Location: Pricen George's County, Maryland
- *potosiana* n. sp. Böse
 Inst. Geol. de México, Bol. 24, 1906, p. 62, Lám. XV, figs. 2, 4, 8-10
 Formation: Cretaceous, Lower Senonian
 Location: On Tampico to San Luis Potosi Railroad, Mexico
- *pescaderocensis* n. sp. Arnold
 U. S. Nat. Mus. Proc., vol. 34, 1908, p. 358, pl. XXXI, fig. 7
 Formation: Cretaceous, Chico
 Location: San Mateo County, California
- *planilateris* (Conrad) Ellisor
 Univ. of Texas Bull. No. 1840, 1918, p. 18, pl. IV, fig. 7
 Formation: Cretaceous, Georgetown limestone
 Location: Austin, Texas
- *pumila* ? (Gabb) Whitfield
 Geol. Sur. N. J., vol. 2, 1892, p. 187, pl. XXIII, figs. 5, 6
 Formation: Cretaceous, Upper Green Marls
 Location: New Jersey
- *pumila* ? (Gabb) Whitfield
 U. S. Geol. Sur., Mon. 18, 1892, p. 187, pl. XXIII, figs. 5, 6
 Formation: Cretaceous, Upper Green Marls
 Location: Vincentown, New Jersey
- *quadrilira* n. sp. Johnson
 Phila. Acad. Nat. Sci. Proc., 1898, p. 463, no fig.
 Formation: Cretaceous
 Location: New Jersey
- *quadrilira* (Johnson) Weller
 Geol. Sur. N. J. Pal., vol. 4, 1907, p. 695, pl. LXXVIII, fig. 7
 Formation: Cretaceous, Cliffwood clay, Woodbury clay
 Location: New Jersey
- *renauxiana* (d'Orbigny) Cragin
 Texas Geol. Sur., 4th Ann. Rept., 1893, p. 231, no pl.

- Formation: Cretaceous, Lower Cross Timber Sandstone
 Location: On Timber Creek, Denton County, Texas
- *seriatim*—*granulata* (Rømer) Cragin
 Texas Geol. Sur., 4th Ann. Rept., 1893, p. 231, no pl.
 Formation: Cretaceous, Comanchean
 Location: 3 miles east of Fort Worth, Texas
- *shippi* n. sp. Ellisor
 Univ. of Texas Bull. No. 1840, 1918, p. 13, pl. III, figs. 1, 2
 Formation: Cretaceous, Buda limestone
 Location: Shoal Creek, Austin, Texas
- *simondsi* n. sp. Ellisor
 Univ. of Texas Bull. No. 1840, 1918, p. 16, pl. III, figs. 9, 10
 Formation: Cretaceous, Georgetown limestone
 Location: Austin, Texas
- sp. Stanton
 U. S. Geol. Sur. Bull. 133, 1895, p. 69, no pl.
 Formation: Cretaceous, Knoxville beds
 Location: Cottonwood Creek, California
- sp. Stanton
 U. S. Geol. Sur., Mon. 32, pt. 2, 1899, p. 630, no pl.
 Formation: Jurassic
 Location: Yellowstone National Park
- sp. Ravn
 Meddelelser om Grønland, vol. 45, 1911, p. 483, pl. XXXV, fig. 7
 Formation: Jurassic
 Location: "Kloft II". "Kloft I" Store Koldewey
- sp. Ravn
 Copenhagen Univ. Min. and Geol. Mus. Comm. Paleont., No. 10,
 1911, p. 483, pl. XXXV, fig. 7
 Formation: Jurassic
 Location: "Kloft II", Kloft I" Store Koldewey
- *tippana* (Conrad) Weller
 Geol. Sur. of N. J. Pal., vol. 4, 1907, p. 700, pl. LXXIX, figs. 6-7
 Formation: Cretaceous, Marshalltown marl
 Location: New Jersey; Mississippi
- *tippana* (Conrad) Gardner
 Maryland Geol. Sur., U. Cret., 1916, p. 491, no pl.
 Formation: Cretaceous, Monmouth, Matawan, Ripley
 Location: Maryland, New Jersey; Mississippi
- *tricarinata* n. sp. Burwash
 Can. Roy. Soc. Proc. and Trans., ser. 3, vol. 7, sec. IV, 1914, p.
 81, pl. I, fig. 3
 Formation: Cretaceous
 Location: Queen Charlotte Islands
- *trilira* (Conrad) Weller
 Geol. Sur. N. J. Pal., vol. 4, 1907, p. 699, pl. LXXIX, figs. 4-5
 Formation: Cretaceous, Wenonah sand
 Location: New Jersey; Alabama; Mississippi; Texas; Arkansas
- *trilira* (Conrad) Gardner
 Maryland Geol. Sur., U. Cret., 1916, p. 489, no pl.
 Formation: Cretaceous, Matawan, Monmouth, Black Creek, Pee-

- dee, Eutaw, Ripley, Selma, Annona, Arkadelphia, Taylor and Navarro
 Location: New Jersey; Maryland; North and South Carolina; Georgia; Mississippi; Alabama; Arkansas; Texas
- *vertebroides* (Morton) Weller
 Geol. Sur. N. J. Pal., vol. 4, 1907, p. 693, pl. LXXXVIII, figs. 14-17
 Formation: Cretaceous, Navesink marl
 Location: New Jersey; Alabama
- *vertebroides* (Morton) Whitfield
 Geol. Sur. of N. J., vol. 2, 1892, p. 146, pl. XVIII, figs. 13-18
 Formation: Cretaceous, Lower Green Marls
 Location: New Jersey; Alabama
- *vertebroides* (Morton) Whitfield
 U. S. Geol. Sur., Mon. 18, 1892, p. 146, pl. XVIII, figs. 13-18
 Formation: Cretaceous, Lower Green Marls
 Location: Upper Freehold, New Egypt, Tinton Falls, New Jersey
- *Vibraycana* (d'Orbigny) Böse
 Inst. Geol. de México, Bol. 25, 1910, p. 145, Lám. XXX, fig. 10;
 Lám. XXXI, fig. 6
 Formation: Vraconian
 Location: Chihuahua
- *Waitzi* n. sp. Böse
 Inst. Geol. de México, Bol. 24, 1906, p. 64, Lám. XIV, fig. 7;
 Lám. XV, fig. 1
 Formation: Cretaceous, Lower Senonian
 Location: Near Cárdenas, Mexico
- *washitensis* n. sp. Ellisor
 Univ. of Texas Bull. No. 1840, 1918, p. 9, pl. I, figs. 5, 6
 Formation: Cretaceous, Buda limestone
 Location: Onion Creek, Austin, Texas
- *whitei* n. sp. Stanton
 U. S. Geol. Sur. Bull. 106, 1893, p. 120, pl. XXVIII, figs. 12-16
 Formation: Cretaceous, Pugnellus sandstone
 Location: Upper Kanab valley, Utah; Huerfano park, Colorado;
 on Arkansas River above Pueblo, Colorado
- *whitei* (Stanton) Logan
 Kan. Univ. Geol. Sur., vol. 4, 1898, p. 459, pl. XCIX, figs. 1-5
 Formation: Cretaceous, Fort Benton limestone
 Location: Kansas
- *whitei* (Stanton) Herrick and Johnson
 Denison Univ. Sci. Lab. Bull., vol. 11, art 9, 1900, p. 210, pl. XXVIII, fig. 6
 Formation: Cretaceous
 Location: Albuquerque Mesa, New Mexico
- *whitei* var. *stantoni* n. var. Shimer and Blodgett
 Amer. Jour. Sci., 4th ser., vol. 25, 1908, p. 64
 Formation: Cretaceous, Fort Benton
 Location: New Mexico
- *whitneyi* n. sp. Ellisor
 Univ. of Texas Bull. No. 1840, 1918, p. 8, pl. I, figs. 3, 4
 Formation: Cretaceous, Buda limestone

- Location: Shoal Creek, Austin, Texas
- *worthensis* n. sp. Adkins
Univ. of Texas Bull. No. 1856, 1918, p. 142, pl. X, fig. 42
Formation: Cretaceous, Weno
Location: Fort Worth, Texas
- Tusoteuthis* n. gen. Logan
Kan. Univ. Geol. Sur., vol. 4, 1898, p. 497, no pl.
Formation: Cretaceous, Niobrara
Location: Kansas
- *longus* n. sp. Logan
Kan. Univ. Geol. Sur., vol. 4, 1898, p. 497, pl. CX, fig. 1
Formation: Cretaceous, Niobrara, Hesperornis beds
Location: Smoky Hill River, Kansas
- Tylostoma* see *Globiconcha*
- *Chihuahuaense* n. sp. Böse
Inst. Geol. de México, Bol. 25, 1910, p. 144, Lám. XXX, fig. 13;
Lám. XXXI, figs. 1-2
Formation: Vraconian
Location: Chihuahua
- *harrisi* n. sp. Whitney
Univ. of Texas Bull. 184, 1911, p. 20, pl. X, figs. 12-14
Formation: Cretaceous, Buda
Location: Shoal and Barton creeks, Austin, Texas
- *harrisi* n. sp. Whitney
Texas Acad. Sci. Trans., vol. 12, 1913, p. 20, pl. X, figs. 12-14
Formation: Cretaceous, Buda limestone
Location: Shoal and Barton creeks, Austin, Texas
- *hilli* n. sp. Whitney
Univ. of Texas Bull. 184, 1911, p. 20, pl. VIII, figs. 1, 2; pl. IX
Formation: Cretaceous, Buda
Location: Shoal and Barton creeks, Austin, Texas
- *hilli* n. sp. Whitney
Texas Acad. Sci. Trans., vol. 12, 1913, p. 20, pl. VIII, figs. 1, 2;
pl. IX
Formation: Cretaceous, Buda limestone
Location: Barton and Shoal creeks, Austin, Texas
- ? *mutabilis* (Gabb) Cragin
Texas Geol. Sur., 4th Ann. Rept., 1893, p. 232, no pl.
Formation: Cretaceous, top of Texana beds
Location: 2½ miles east of Benbrook, Texas
- aff. *ovatum* (Sharpe) Böse
Univ. of Texas Bull. No. 1856, 1918, p. 232, pl. XX, fig. 3
Formation: Cretaceous, Lower Turonian (Salmurian)
Location: Mexico
- *pedernalis* (Roemer) Hill
Wash. Biol. Soc. Proc., vol. 8, 1893, p. 33, pl. VI, fig. 2
Formation: Cretaceous, Glen Rose
Location: Arkansas; Texas; Mexico
- Torrubiæ* (Sharpe) Böse
Inst. Geol. de México, Bol. 25, 1910, p. 143, Lám. XXX, figs. 11-12

Formation: Vraconian

Location: Chihuahua

Uintacrinus Springer

Amer. Geol., vol. 24, 1899, p. 92—Describes peculiar features of **Uintacrinus**

Formation: Niobrara chalk

— **socialis** (Grinnell) Clark

U. S. Geol. Sur. Bull. 97, 1893, p. 21, pl. I, figs. 1a-e; pl. II, figs. 1a-e

Formation: Cretaceous, Niobrara group

Location: Utah; Kansas

— **socialis** (Grinnell) Hill

Kan. Univ. Quart., vol. 2, 1893, p. 20

Formation: Cretaceous, Niobrara chalk

Location: Kansas

— **socialis** (Grinnell) Stanton

U. S. Geol. Sur. Bull. 106, 1893, p. 52, no pl. (no description)

Formation: Cretaceous

Location: Utah; Kansas

— **socialis** (Grinnell) Logan

Kan. Univ. Geol. Sur., vol. 4, 1898, p. 481-83, pl. LXXI, CXII, CXIII

Formation: Cretaceous, Lower Hesperornis beds

Location: Kansas

— **socialis** (Grinnell) Springer

Harv. Coll. Mus. Comp. Zool. Mem., vol. 25, No. 1, 1901, pp. 1-89, pls. 1-8

Formation: Cretaceous

Location: Kansas

— **socialis** (Grinnell) Hovey

Amer. Mus. Nat. Hist. Journ., vol. 2, 1902, p. 11, 2 plates

Formation: Upper Cretaceous

Location: Kansas

— **socialis** (Grinnell) Clark and Twitchell

U. S. Geol. Sur., Mon. 54, 1915, p. 36, pl. VI, figs. 3a-h; pl. VII, figs. 1a-e

Formation: Cretaceous, Niobrara chalk

Location: Minto mountains, Utah; Kansas

— sp. **Whiteaves**

Amer. Jour. Sci., 4th ser., vol. 18, 1904, p. 287-289, no fig.

Formation: Cretaceous, Nanaimo group

Location: Vancouver Island, British Columbia

Undulatæ Agrassiz

Type: **Trigonia litterata** (Young and Bird) Packard

Oregon Univ. Pub., vol. 1, No. 9, 1921, p. 15, pl. 1, fig. 5

Formation: Jurassic

Unicardium ? **semirotundum** n. sp. Cragin

U. S. Geol. Sur. Bull. 266, 1905, p. 76, pl. XII, figs. 9-11

Formation: Jurassic

Location: Malone, Texas

— ? **transversum** n. sp. Cragin

U. S. Geol. Sur. Bull. 266, 1905, p. 76, pl. XII, figs. 7, 8

- Formation: Jurassic
 Location: Malone, Texas
- *umbonata* (Whitfield) Weller
 Geol. Sur. of N. J. Pal., vol. 4, 1907, p. 569, pl. LXII, figs. 16, 17
 Formation: Cretaceous, Marshalltown clay-marl, Navesink marl
 Location: New Jersey
- Unio æsopiformis* n. sp. Whitfield
 Amer. Mus. Nat. Hist. Bull., vol. 19, 1903, p. 483, pl. XXXVIII, figs. 1-5
 Formation: Cretaceous, Laramie group
 Location: Snow creek, Montana
- *amarillensis* n. sp. Stanton
 U. S. Geol. Sur. Prof. Paper 98, 1916, p. 313, pl. LXXX, figs. 8, 9
 Formation: Upper Cretaceous
 Location: San Juan Basin, New Mexico
- *baileyi* n. sp. Logan
 Kan. Univ. Quart., vol. 9, 1900, p. 134, pl. XXXI, figs. 4, 6, 8, 11
 Formation: Jurassic
 Location: Freeze-out hills, Wyoming
- *barbouri* n. sp. White
 U. S. Nat. Mus. Proc., vol. 17, 1894, p. 133, pl. VIII, figs. 1-3
 Formation: Cretaceous, Dakota formation
 Location: Jefferson County, Nebraska
- *baueri* n. sp. Stanton
 U. S. Geol. Sur. Prof. Paper 98, 1916, p. 315, pl. LXXXI, fig. 6
 Formation: Upper Cretaceous
 Location: San Juan Basin, New Mexico
- *belli plicatus* (Meek) White
 U. S. Geol. Sur. Bull. 128, 1895, p. 34, pl. II, figs. 4-6
 Formation: Cretaceous, Bear River
 Location: Sulphur Creek
- *biesopoides* n. sp. Whitfield
 Amer. Mus. Nat. Hist. Bull. 23, 1907, p. 624, pl. XI, fig. 7; pl. XLI, fig. 8
 Formation: Cretaceous, Laramie
 Location: Montana
- *brachiopisthus* (White) Stanton
 U. S. Geol. Sur. Prof. Paper 98, 1916, p. 314, pl. LXXXI, figs. 2, 3
 Formation: Cretaceous
 Location: San Juan Basin, New Mexico
- *brimhallensis* n. sp. Stanton
 U. S. Geol. Sur. Prof. Paper 98, 1916, p. 315, pl. LXXXI, fig. 7; pl. LXXXII, fig. 1
 Formation: Upper Cretaceous
 Location: San Juan Basin, New Mexico
- *browni* n. sp. Whitfield
 Amer. Mus. Nat. Hist. Bull., vol. 19, 1903, p. 485, pl. XXXVIII, figs. 8, 9
 Formation: Cretaceous, Laramie group
 Location: Snow Creek, Montana
- *corbiculoides* n. sp. Whitfield

- Amer. Mus. Nat. Hist. Bull., 23, 1907, p. 627, pl. XLI, figs. 6 & 7
Formation: Cretaceous, Laramie
Location: Montana
- **consuetus** (Whiteaves) Stanton
U. S. Geol. Sur. Bull. 257, 1905, p. 110, no pl.
Formation: Cretaceous, Judith River beds
Location: Montana
- **cryptorhynchus** (White) Stanton
U. S. Geol. Sur. Bull. 257, 1905, p. 109, no pl.
Formation: Cretaceous, Judith River beds
Location: Montana
- **cylindricoides** n. sp. Whitfield
Amer. Mus. Nat. Hist. Bull. 23, 1907, p. 626, pl. XXXVIII, fig. 1-7; pl. XXXIX, figs. 1-3
Formation: Cretaceous, Laramie
Location: Montana
- **dane** (M. & H.) Stanton and Hatcher
U. S. Geol. Sur. Bull. 257, 1905, p. 108, no pl.
Formation: Cretaceous, Judith River beds
Location: Montana
- **dockumensis** n. sp. Simpson
U. S. Nat. Mus. Proc., vol. 18, 1895, p. 385, fig. 5
Formation: Triassic
Location: Garza and Dickens counties, Texas
- **douglassi** n. sp. Stanton
Amer. Phil. Soc. Proc., vol. 42, 1903, p. 195, pl. IV, figs. 3, 4
Formation: Cretaceous
Location: Harlowton, Montana
- **dowlingi** n. sp. McLean
Canada Dept. Mines Mus. Bull. 29, 1919, p. 11, pl. IV, fig. 2
Formation: Cretaceous, Dunvegan formation
Location: Peace River, Alberta
- **dumblei** n. sp. Simpson
U. S. Nat. Mus. Proc., vol. 18, 1895, p. 383, fig. 3
Formation: Triassic
Location: Dickens County, Texas
- **emersoni** n. sp. Troxell
Amer. Journ. Sci., 4th Ser. vol. 38, 1914, p. 460, fig. 1, 2a, b, c, and 3
Formation: Upper Triassic
Location: Wilbraham, Mass.
- **farri** n. sp. Stanton
Amer. Phil. Soc. Proc., vol. 42, 1903, p. 194, pl. IV, figs. 1, 2
Formation: Cretaceous
Location: Harlowton, Montana
- **gardneri** n. sp. Stanton
U. S. Geol. Sur. Prof. Paper 98, 1916, p. 314, pl. LXXX, figs. 10, 11
Formation: Upper Cretaceous
Location: San Juan Basin, New Mexico
- **gibbosoides** n. sp. Whitfield
Amer. Mus. Nat. Hist. Bull. 23, 1907, p. 625, pl. XL, fig. 1, 2
Formation: Cretaceous, Laramie

- Location: Montana
- *graciliratus* n. sp. Stanton
U. S. Nat. Mus. Proc., vol. 18, 1895, p. 384, fig. 4
Formation: Triassic
Location: Dickens County, Texas
- *holmesianus* (White) Stanton
U. S. Geol. Sur. Prof. Paper 98, 1916, p. 312, pl. LXXX, figs. 1-7
Formation: Upper Cretaceous
Location: San Juan Basin, New Mexico
- *knighti* n. sp. Logan
Kans. Univ. Quart., vol. 9, 1900, p. 134, pl. XXXI, figs. 7, 9
Formation: Jurassic
Location: Freeze-out hills, Wyoming
- *letsoni* n. sp. Whitfield
Amer. Mus. Nat. Hist. Bull. 23, 1907, p. 627, pl. XLII, figs. 1-4
Formation: Cretaceous, Laramie
Location: Montana
- *nanaimoensis* n. sp. Whiteaves
Ottawa Nat., vol. 14, 1901, p. 177, figs. 1, 1a
Formation: Cretaceous
Location: Vancouver
- *nanaimoensis* n. sp. Whiteaves
Can. Geol. Sur., Mesozoic Fossils, vol. 1, pt. 5, 1903, p. 385, text
figs. 26, 27
Formation: Cretaceous
Location: Graham Island; Naniamo and Comox coalfields, Wellington Collery of the Queen Charlotte Islands
- *neomexicanus* n. sp. Stanton
U. S. Geol. Sur. Prof. Paper 98, 1916, p. 315, pl. LXXXI, figs. 4, 5
Formation: Upper Cretaceous
Location: San Juan Basin, New Mexico
- *patapscoensis* n. sp. Clark
Maryland Geol. Sur., U. Cret., 1911, p. 213, pl. XXI, fig. 7
Formation: Cretaceous, Patapsco
Location: Fairfax County, Virginia
- *percorrugata* n. sp. Whitfield
Amer. Mus. Nat. Hist. Bull., vol. 19, 1903, p. 486, pl. XL, figs. 3-9
Formation: Cretaceous, Laramie group
Location: Snow Creek, Montana
- *postbiplicata* n. sp. Whitfield
Amer. Mus. Nat. Hist. Bull., vol. 19, 1903, p. 487, pl. XXXIX, figs. 1-11
Formation: Cretaceous, Laramie group
Location: Snow Creek, Montana
- *primævus* (White) Stanton
U. S. Geol. Sur. Bull. 257, 1905, p. 110, no pl.
Formation: Cretaceous, Judith River beds
Location: Montana
- *priscus* (M. & H. ?) Stanton and Hatcher
U. S. Geol. Sur. Bull. 257, 1905, p. 108, pl. XII, fig. 1
Formation: Cretaceous, Judith River beds

- Location: Montana
- **priscus** var. **abbreviatus** n. sp. var. Stanton and Hatcher
U. S. Geol. Sur. Bull. 257, 1905, p. 108, pl. XII, figs. 2-4
Formation: Cretaceous, Judith River beds
Location: Montana
 - **pyramidatoides** n. sp. Whitfield
Amer. Mus. Nat. Hist. Bull., No. 23, 1907, p. 624, pl. XLI, figs. 1-5
Formation: Cretaceous, Laramie
Location: Montana
 - **pyramidatoides** (Whitfield ?) Stanton
U. S. Geol. Sur. Prof. Paper 98, 1916, p. 313, pl. LXXX, figs. 12, 13
Formation: Upper Cretaceous
Location: San Juan Basin, New Mexico
 - **pyramidellus** n. sp. Whitfield
Amer. Mus. Nat. Hist. Bull. 23, 1907, p. 625, pl. XL, figs. 3, 4
Formation: Cretaceous, Laramie
Location: Montana
 - **reesidei** n. sp. Stanton
U. S. Geol. Sur. Prof. Paper 98, 1916, p. 314, pl. LXXXI, fig. 1
Formation: Upper Cretaceous
Location: San Juan Basin, New Mexico
 - **rectusoides** n. sp. Whitfield
Amer. Mus. Nat. Hist. Bull., vol. 19, 1903, p. 485, pl. XXXVIII,
figs. 6, 7; pl. XL, figs. 1, 2
Formation: Cretaceous, Laramie group
Location: Snow Creek, Montana
 - **senectus** (White) Stanton
U. S. Geol. Sur. Bull. 257, 1905, no pl.
Formation: Cretaceous
Location: Dog Creek, Montana
 - **sp.** Stanton
U. S. Geol. Sur. Prof. Paper 98, 1916, p. 315, pl. LXXXII,
figs. 2, 3
Formation: Upper Cretaceous
Location: San Juan Basin, New Mexico
 - **subplanatus** n. sp. Simpson
U. S. Nat. Mus. Proc., vol. 18, 1895, p. 383, figs. 1, 2
Formation: Triassic
Location: Dickens County, Texas
 - **subspatulatus** (Meek and Hayden) Stanton and Hatcher
U. S. Geol. Sur. Bull. 257, 1905, p. 107, pl. XIII, fig. 1
Formation: Cretaceous, Judith River beds
Location: Montana
 - **subtrigonalis** n. sp. Whitfield
Amer. Mus. Nat. Hist. Bull. 23, 1907, p. 626, pl. XL, figs. 5a, 5b
Formation: Cretaceous, Laramie
Location: Montana
 - **supenawensis** n. sp. (Stanton) Stanton and Hatcher
U. S. Geol. Sur. Bull. 257, 1905, p. 109, pl. XIII, figs. 2, 3
Formation: Cretaceous, Judith River beds
Location: Montana

- Unio supragibbosus** (Whiteaves) Stanton
 U. S. Geol. Sur. Bull 257, 1905, p. 110, no pl.
 Formation: Cretaceous, Judith River beds
 Location: Montana
- **verrucosiformis** n. sp. Whitfield
 Amer. Mus. Nat. Hist. Bull., vol. 19, 1903, p. 484, pl. XL, fig. 10
 Formation: Cretaceous, Laramie group
 Location: Snow Creek, Montana
- **vetustus** (Meek) White
 U. S. Geol. Sur. Bull. 128, 1895, p. 35, pl. III, figs. 1-4
 Formation: Cretaceous, Bear River
 Location: Wyoming
- **willistoni** n. sp. Logan
 Kansas. Univ. Quart., vol. 9, 1900, p. 110, no pl.
 Formation: Jurassic
 Location: Freeze-out hills, Wyoming
- sp. Stanton and Hatcher
 U. S. Geol. Sur. Bull. 257, 1905, p. 110, no pl.
 Formation: Cretaceous, Judith River beds
 Location: Montana
- doubtful species, White
 U. S. Nat. Mus. Proc., vol. 17, 1894, p. 133, pl. VIII, figs. 4, 5
 Formation: Cretaceous, Dakota
 Location: Jefferson County, Nebraska
- sp. indt Stanton
 U. S. Geol. Sur., Mon. 32, pt. 2, 1899, p. 632
 Formation: Cretaceous
 Location: Yellowstone National Park
- sp. ? Stanton
 U. S. Geol. Sur., Bull. 106, 1893, p. 95, pl. XXII, fig. 1
 Formation: Cretaceous, Colorado
 Location: Glendale, Utah
- Urceolabrum** n. gen. Wade
 Phila. Acad. Nat. Sci. Proc., vol. 68, pt. 3, 1916, p. 470
- **tuberculatum** n. sp. Wade
 Phila. Acad. Nat. Sci. Proc., vol. 68, pt. 3, 1916, p. 470, pl. XXIV,
 figs. 6, 7
 Formation: Upper Cretaceous, Ripley
 Location: Coon Creek, McNairy County, Tenn.
- Ussuria** (Diener gen.) Hyatt and Smith
 U. S. Geol. Sur. Prof. Paper 40, 1905, p. 88, no pl.
 Formation: Triassic
 Location: California
- **compressa** n. sp. Hyatt and Smith
 U. S. Geol. Sur. Prof. Paper 40, 1905, p. 89, pl. III, figs. 6-11
 Formation: Triassic
 Location: California
- **waageni** n. sp. Hyatt and Smith
 U. S. Geol. Sur. Prof. Paper 40, 1905, p. 90, pl. LXV, figs. 1-5;
 pl. LXVI, fig. 12; pl. LXVII, figs. 1, 2; pl. LXXV, figs. 1-8
 Formation: Triassic

- Location: Idaho
 — *waageni* Hyatt and Smith
 Leland Stanford Jr. Univ. Pub., 1914, pl. XI, figs. 1-14
 Formation: Triassic
 Location: Idaho
- Uvigerina asperula* (Czjzek) Woodward and Thomas
 Minn. Geol. and Nat. Hist. Sur., vol. 3, pt. 1, 1895, p. 39, pl. D,
 fig. 10
 Formation: Cretaceous
 Location: Nebraska
- *canariensis* (d'Orbigny) Woodward and Thomas
 Minn. Geol. and Nat. Hist. Sur., vol. 3, pt. 1, 1895, p. 39, pl. D,
 fig. 9
 Formation: Cretaceous
 Location: Minnesota; Nebraska
- Vaginulina legumen* (Linné sp.) Woodward
 New York Microscopical Soc., Journ., vol. 10, No. 4, 1894, p. 116
 Formation: Cretaceous
 Location: Mullica Hill, New Jersey
- *legumen* (Linné) Bagge
 U. S. Geol. Sur. Bull. 88, 1898, p. 53, pl. IV, fig. 4
 Formation: Cretaceous, Matawan, and Rancocas
 Location: New Jersey
- *legumen* (Linné) Weller
 Geol. Sur. N. J. Pal., vol. 4, 1907, p. 234, pl. II, fig. 33
 Formation: Cretaceous, Marshalltown clay marl
 Location: Marshalltown, New Jersey
- *linearis* (Montagu sp.) Woodward
 New York Microscopical Soc. Journ., vol. 10, No. 4, 1894, p. 117
 Formation: Cretaceous
 Location: Mullica Hill, New Egypt, Crosswick's Creek, Bruer's
 pit
- *strigillata* (Ruess) Bagge
 U. S. Geol. Sur. Bull. 88, 1898, p. 53, pl. IV, fig. 3
 Formation: Cretaceous, Monmouth
 Location: New Jersey
- *strigillata* (Ruess) Weller
 Geol. Sur. N. J. Pal., vol. 4, 1907, p. 235, pl. II, figs. 3, 4
 Formation: Cretaceous, Navesink marl
 Location: Freehold, New Jersey
- Valatella* see *Neritina*
- Valvata leei* n. sp. Logan
 Kans. Univ. Quart., vol. 9, 1900, p. 133, pl. XXXI, figs. 1-3
 Formation: Jurassic
 Location: Freeze-out hills, Wyoming
- ? *montanaensis* (Meek) Stanton and Hatcher
 U. S. Geol. Sur. Bull. 257, 1905, p. 115, no pl.
 Formation: Cretaceous, Judith River beds
 Location: Montana
- Vanikora propinqua* n. sp. Cragin
 Colo. Coll. Studies, 5th Ann. Pub., 1894, p. 65, no pl.

- Formation: Cretaceous, Kiowa shales
 Location: Near Belvidere, Kansas
- **pulchella** var. Whiteaves
 Can. Geol. Sur., Mesozoic Fossils, vol. 1, pt. 5, 1903, p. 365, no pl.
 Formation: Cretaceous
 Location: Departure Bay, Vancouver Island; Texado Island
- Vanicorpsis toumeyana** (M. & H.) Herrick and Johnson
 Denison Univ. Sci. Lab. Bull., vol. 11, art. 9, 1900, p. 210, pl. XXIX, fig. 4
 Formation: Cretaceous
 Location: In Santa Fe marls west of Albuquerque mesa, New Mexico
- Vascoceras** (Choffat) Böse
 Univ. of Texas Bull. No. 1856, 1918, p. 213
 Formation: Cretaceous, Turonian (Salmurian)
 Location: Mexico
- Vascoceras** n. sp. ex. aff. v. **adonense** (Choffat) Böse
 Univ. of Texas Bull. No. 1856, 1918, p. 214, pl. XIV, fig. 4; pl. XVII, fig. 2
 Formation: Cretaceous, Turonian (Salmurian)
 Location: Mexico
- **angermanni** n. sp. Böse
 Univ. of Texas Bull. No. 1856, 1918, p. 217, pl. XVI, figs. 1-4; pl. XVII, fig. 1
 Formation: Cretaceous, Turonian (Salmurian)
 Location: Mexico
- aff. **gamai** (Choffat) Böse
 Univ. of Texas Bull. No. 1856, 1918, p. 216, pl. XV, figs. 3-5
 Formation: Cretaceous, Turonian (Salmurian)
 Location: Mexico
- **mohovanense** n. sp. Böse
 Univ. of Texas Bull. No. 1856, 1918, p. 219, pl. XVIII, figs. 1-2
 Formation: Cretaceous, Turonian (Salmurian)
 Location: Mexico
- sp. Böse
 Univ. of Texas Bull. No. 1856, 1918, p. 218, pl. XVIII, fig. 12
 Formation: Cretaceous, Turonian (Salmurian)
 Location: Mexico
- Vasum conoides** n. sp. Whitfield
 Geol. Sur. N. J., vol. 2, 1892, p. 83, pl. IX, figs. 9, 10
 Formation: Cretaceous, Lower Green Marls
 Location: New Jersey
- **conoides** n. sp. Whitfield
 U. S. Geol. Sur., Mon. 18, 1892, p. 83, pl. IX, figs. 9, 10
 Formation: Cretaceous, Lower Green Marls
 Location: Walnford, New Jersey
- **conoides** (Whitfield) Weller
 Geol. Sur. of N. J. Pal., vol. 4, 1907, p. 773, pl. XC, fig. 9, 10
 Formation: Cretaceous, Navesink marl
 Location: New Jersey
- Velatella** see **Neritina**
- Venericardia** (Lamarck) Gardner

- Maryland Geol. Sur., U. Cret., 1918, p. 657, no pl.
 Formation: Cretaceous
- **wenoensis** n. sp. Adkins
 Univ of Texas Bull. No. 1856, 1918, p. 125, pl. VI, fig. 2
 Formation: Cretaceous, Weno
 Location: Near Fort Worth and Gainseville, Texas
- Veniella** (Stoliczka) Gardner
 Maryland Geol. Sur., U. Cret., 1916, p. 642, no pl.
- **conradi** (Morton) Weller
 Geol. Sur. of N. J. Pal., vol. 4, 1907, p. 534, pl. LVIII, figs. 18-19
 Formation: Cretaceous, Merchantville clay-marl, Wenonah sand,
 Navesink sand, Red Bank sand, Tinton beds
 Location: New Jersey; Alabama; Mississippi
- **conradi** (Morton) Gardner
 Formation: Cretaceous, Magothy, Matawan, Monmouth, Black
 Maryland Geol. Sur., U. Cret., 1916, p. 643, pl. XXXVIII, figs. 2-7
 Creek, Eutaw, Selma, Ripley
 Location: Delaware; Maryland; New Jersey; North and South
 Carolina; Georgia; Mississippi; Alabama
- ? **decisa** (Morton) Weller
 Geol. Sur. of N. J. Pal., vol. 4, 1907, p. 540, pl. LVIII, figs. 25-26
 Formation: Cretaceous, Hornerstown ?
 Location: New Jersey
- **goniophora** (Meek) Stanton
 U. S. Geol. Sur. Bull. 106, 1893, p. 105, pl. XXIII, fig. 5
 Formation: Cretaceous, Fort Benton group
 Location: On Missouri River, near Fort Benton, Montana
- **goniophora** (Meek) Herrick and Johnson
 Denison Univ. Sci. Lab. Bull., vol. 11, art. 9, 1900, pl. XXXIX,
 fig. 5, (no description)
 Formation: Cretaceous
 Location: Near Albuquerque, New Mexico
- **mortoni** (M. & H.) Stanton
 U. S. Geol. Sur. Bull. 106, 1893, p. 104, pl. XXIII, figs. 6-9
 Formation: Cretaceous, Fort Benton shales
 Location: Chippewa point near Fort Benton, Montana; on Ar-
 kansas River, 20 miles west of Pueblo, Colo.
- **mortoni** (M. & H.) Herrick and Johnson
 Denison Univ. Sci. Lab. Bull., vol. 11, art. 9, 1900, pl. XXXIX,
 figs. 6-9, (no description)
 Formation: Cretaceous
 Location: New Mexico
- ? **rhomboidea** (Conrad) Weller
 Geol. Sur. of N. J. Pal., vol. 4, 1907, p. 538, pl. LVIII, figs. 22-24
 Formation: Cretaceous, Manasquan marl
 Location: New Jersey
- sp. Harris and Veach
 Geol. Sur. La. Rep., 1899, p. 295, pl. L, fig. 8
 Formation: Cretaceous
 Location: Rayburn's salt works, Bienville parish, Louisiana
- **trigona** (Gabb) Weller

- Geol. Sur. of N. J. Pal., vol. 4, 1907, p. 537, pl. LIX, figs. 1-3
 Formation: Cretaceous, Navesink marl, Tinton beds
 Location: New Jersey; Alabama; Texas
- Venus malonensis* n. sp.
 Texas Geol. Sur., 4th Ann. Rept., 1893, p. 216, pl. XXV, figs. 1, 2
 Formation: Cretaceous, Comanche series
 Location: Northeast of Malone, Texas
- Vermetus* (Adamson) Gardner
 Maryland Geol. Sur., U. Cret., 1916, p. 483, no pl.
- *circularis* (Weller) Gardner
 Maryland Geol. Sur., U. Cret., 1916, p. 483, no pl.
 Formation: Cretaceous, Monmouth
 Location: Maryland
- (*Burtinella*) *cornejoi* n. sp. Aguilera
 Com. Geol. de México, Bol. 1, 1895, p. 12, lám. VI, figs. 5-7
 Formation: Jurassic
 Location: Sierra de Catorce, San Luis Potosi, Mexico
- *cornejoi* (Castillo) Anguilera
 U. S. Geol. Sur. Bull. 266, 1905, p. 92, pl. XX, fig. 6
 Formation: Jurassic
 Location: Malone, Texas
- Verneuilina polystropha* (Ruess) Bagge
 U. S. Geol. Sur. Bull. 88, 1898, p. 30, no pl.
 Formation: Cretaceous, Monmouth
 Location: New Jersey
- *polystropha* (Ruess) Weller
 Geol. Sur. N. J. Pal., vol. 4, 1907, p. 195, pl. I, figs. 20-21
 Formation: Cretaceous, Navesink marl
 Location: Freehold, New Jersey
- *pygmæa* (Egger) sp. Woodward and Thomas
 Minn. Geol. and Nat. Hist. Sur. Final Rept., vol. 3, pt. 1, 1895,
 p. 32, pl. C, figs. 17, 18
 Formation: Cretaceous
 Location: Nebraska
- *triquetra* (Münster) sp. Woodward
 New York Microscopical Soc. Journ., vol. 10, No. 4, 1894, p. 97
 Location: Mullica Hill, Timber Creek, New Jersey
- *triquetra* (Münster) Bagge
 U. S. Geol. Sur. Bull. 88, 1898, p. 30, pl. II, fig. 2
 Formation: Cretaceous, Rancocas and Manasquan
 Location: New Jersey
- *triquetra* (Münster) Weller
 Geol. Sur. N. J. Pal., vol. 4, 1907, p. 196, pl. I, fig. 22
 Formation: Cretaceous, Vincentown limesand
 Location: New Jersey
- Vetericardia crenalirata* (Conrad) Weller
 Geol. Sur. N. J. Pal., vol. 4, 1907, p. 566, pl. LXII, figs. 9, 10
 Formation: Cretaceous, Merchantville clay-marl, Woodbury clay
 Location: New Jersey
- Vertumniceras* (Buckman) Reeside
 U. S. Geol. Sur. Prof. Paper 118, 1919, p. 14
- Vicarya branneri* n. sp. Hill

- Wash. Biol. Soc. Proc., vol. 8, 1893, p. 34, pl. V, figs. 1-7
 Formation: Cretaceous, Glenn Rose
 Location: Arkansas; Texas
- Virgatites mexicanus** n. sp. Burekhardt
 Inst. Geol. de México, Bol. 23, 1906, p. 115, Lám. XXXI, figs. 5-9
 Formation: Jurassic, Portlandian
 Location: Mazapil, Mexico
- sp. indt. Burekhardt
 Inst. Geol. de México, Bol. 23, 1906, p. 118, Lám. XXX, fig. 4;
 Lám. XXXII, fig. 2
 Formation: Jurassic, Portlandian
 Location: Mazapil, Mexico
- sp. indt. Burekhardt
 Inst. Geol. de México, Bol. 33, 1919, p. 39, Lám. XIV, figs. 1-3
 Formation: Jurassic, Portlandian
 Location: Cañon del Toboso, Mexico
- Vitrina - obliqua** (Meek and Hayden) Stanton and Hatcher
 U. S. Geol. Sur. Bull. 257, 1905, p. 118, no pl.
 Formation: Cretaceous, Judith River beds
 Location: Montana
- Vitrewebbina** (Chapman) Baggs
 U. S. Geol. Sur. Bull. 88, 1898, p. 35, no pl.
 Formation: Cretaceous
 Location: New Jersey
- **laevis** (Sollas) Baggs
 U. S. Geol. Sur. Bull. 88, 1898, p. 35, pl. II, figs. 4a, 4b
 Formation: Cretaceous, Rancocas
 Location: New Jersey
- **laevis** (Sollas) Weller
 Geol. Sur. N. J. Pal., vol. 4, 1907, p. 205, pl. I, figs. 40-41
 Formation: Cretaceous, Vincentown limesand
 Location: Vincentown, New Jersey
- **sollasi** (Chapman) Baggs
 U. S. Geol. Sur. Bull. 88, 1898, p. 35, pl. II, figs. 5a, 5b
 Formation: Cretaceous, Rancocas
 Location: New Jersey
- **sollasi** (Chapman) Weller
 Geol. Sur. N. J. Pal., vol. 4, 1907, p. 203, pl. I, figs. 38, 39
 Formation: Cretaceous, Vincentown limesand
 Location: Vincentown, New Jersey
- Vitre-calcareo** McClung
 Univ. Kan. Geol. Sur., vol. 4, 1898, p. 420-21, no pl.
 Formation: Silurian to Recent
- Viviparus arlingtonensis** n. sp. Clark
 Maryland Geol. Sur., Lower Cret., 1911, p. 212, pl. XXI, figs. 4, 5
 Formation: Cretaceous, Arundel
 Location: Anne Arundel County, Maryland
- **conradi** (Meek and Hayden) Stanton and Hatcher
 U. S. Geol. Sur. Bull. 257, 1905, p. 113, no pl.
 Formation: Cretaceous, Judith River beds
 Location: Montana

- (*Natica* ?) *coosaotensis* (Hill) Hill
 Wash. Biol. Soc. Proc., vol. 8, 1893, p. 32, no pl.
 Formation: Cretaceous,
 Location: Arkansas
- *couesi* (White) White
 U. S. Geol. Sur. Bull. 128, 1895, p. 59, pl. X, fig. 1
 Formation: Cretaceous, Bear River
 Location: 7 miles north of Evanston, Wyoming
- *hicksii* n. sp. White
 U. S. Nat. Mus. Proc., vol. 17, 1894, p. 135, pl. VIII, figs. 11, 12
 Formation: Cretaceous, Dakota
 Location: Jefferson County, Nebraska
- *marylandicus* n. sp. Clark
 Maryland Geol. Sur., Lower Cret., 1911, p. 212, pl. XXI, figs. 1-3
 Formation: Cretaceous, Arundel
 Location: Anne Arundel County, Maryland
- *montanaensis* n. sp. Stanton
 Amer. Phil. Soc. Proc., vol. 42, 1903, p. 195, pl. IV, fig. 5
 Formation: Cretaceous
 Location: Harlowton, Montana
- sp. Stanton and Hatcher
 U. S. Geol. Sur. Bull. 257, 1905, p. 114, no pl.
 Formation: Cretaceous, Judith River beds
 Location: Montana
- Vola bellula* n. sp. Cragin
 Texas Geol. Sur., 4th Ann. Rept., 1893, p. 216, no pl.
 Formation: Cretaceous
 Location: Fort Worth and Austin, Texas
- *catherina* n. sp. Cragin
 Texas Geol. Sur., 4th Ann. Rept., 1893, p. 216, no pl.
 Formation: Cretaceous, Fort Worth limestone
 Location: $\frac{1}{8}$ mile southwest of Barton's Spring near Austin, Texas
- *duplicicosta* (Roem.) Cragin
 Texas Geol. Sur., 4th Ann. Rept., 1893, p. 217, no pl.
 Formation: Cretaceous, Shoal Creek limestone?
 Location: Smith Mountain, Gillespie County, Texas
- *fredericksburgensis* n. sp. Cragin
 Colo. Coll. Studies, 5th Ann. Pub., 1894, p. 52, no pl.
 Formation: Cretaceous, Comanche Peak, Kiowa
 Location: Texas; Kansas
- *irregularis* n. sp. Böse
 Inst. Geol. de México, Bol. 25, 1910, p. 97, Lám. XV, figs. 10-18
 Formation: Vraconian
 Location: Cerro de Muleros
- *quinquecostata* (Sow.) Böse
 Inst. Geol. de México, Bol. 25, 1910, p. 99, Lám. XV, figs. 19-20
 Formation: Lower Cenomanian
 Location: Cerro de Muleros
- *subalpina* Böse
 Inst. Geol. de México, Bol. 25, 1910, p. 96, Lám. XV, figs. 5, 7, 8, 9

- Formation: Upper Cenomanian
 Location: Cerro de Muleros, Chihuahua and Tecolapa al Sur de Colima
- **texana** (Rœm.) Böse
 Inst. Geol. de Méxaco, Bol. 25, 1910, p. 93, Lám. XV, fig. 3
 Formation: Lower Cenomanian
 Location: Cerro de Muleros
- **wrightii** (Shum.) Cragin
 Texas Geol. Sur., 4th Ann. Rept., 1893, p. 217, pl. XXXII, figs. 2, 3
 Formation: Cretaceous, Fort Worth limestone
 Location: 3 miles above Roanoke in Williamson County, Texas
- Voluta ? delawarensis** (Gabb) Whitfield
 Geol. Sur. N. J., vol. 2, 1892, p. 84, pl. X, figs. 5-7
 Formation: Cretaceous, Lower Green Marls
 Location: New Jersey
- **? delawarensis** (Gabb) Whitfield
 U. S. Geol. Sur., Mon. 18, 1892, p. 84, pl. X, figs. 5-7
 Formation: Cretaceous, Lower Green Marls
 Location: From cut of Delaware and Chesapeake Canal, Delaware
- ? Volutilithes Arizpensis** n. sp. Böse
 Inst. Geol. de México, Bol. 30, 1913, p. 24, Lám. I, figs. 6-13
 Formation: Upper Senonian
 Location: Coahuila
- Volutilithes austinensis** n. sp. Whitney
 Texas Acad. Sci. Trans., vol. 12, 1913, p. 22, pl. XI, fig. 1
 Formation: Cretaceous, Buda limestone
 Location: Shoal Creek, Austin, Texas
- **austinensis** n. sp. Whitney
 Univ. of Texas Bull. 184, 1911, p. 22, pl. XI, fig. 1
 Formation: Cretaceous, Buda
 Location: Shoal Creek, Austin, Texas
- Volutoderma** Whitfield
 Geol. Sur. N. J., vol. 2, 1892, p. 89, no pl.
- **abbotti** (Gabb) Whitfield
 Geol. Sur. N. J., vol. 2, 1892, p. 173, pl. XXI, figs. 4-9
 Formation: Cretaceous, Middle Green Marls
 Location: New Jersey
- **abbotti** (Gabb) Whitfield
 U. S. Geol. Sur., Mon. 18, 1892, p. 173, pl. XXI, figs. 4-9
 Formation: Cretaceous, Middle Green Marls
 Location: Timber Creek, New Jersey
- **abbotti** (Gabb) Weller
 Geol. Sur. of N. J. Pal., vol. 4, 1907, p. 778, pl. XCII, figs. 1-2
 Formation: Cretaceous, (Uncertain)
 Location: New Jersey
- **biplicata** (Gabb) Whitfield
 Geol. Sur. N. J., vol. 2, 1892, p. 90, pl. X, figs. 1, 2
 Formation: Cretaceous, Lower Green Marls
 Location: New Jersey
- **biplicata** (Gabb) Whitfield

- U. S. Geol. Sur., Mon. 18, 1892, p. 90, pl. X, figs. 1, 2
 Formation: Cretaceous, Lower Green Marls
 Location: Mullica Hill and Burlington County, New Jersey
- *biplicata* (Gabb) Weller
 Geol. Sur. of N. J. Pal., vol. 4, 1907, p. 775, pl. XCI, figs. 13-17
 Formation: Cretaceous, Merchantville clay-marl, Woodbury clay,
 Marshalltown clay-marl, Wenonah sand
 Location: New Jersey
- ? *clatworthyi* n. sp. Henderson
 U. S. Nat. Mus. Proc., vol. 34, 1908, p. 260, pl. XIII, figs. 1, 2
 Formation: Cretaceous, Fort Pierre
 Location: Fossil Ridge, 7 miles south of Fort Collins, Colorado
- *intermedia* n. sp. Whitfield
 Geol. Sur. N. J., vol. 2, 1892, p. 184, pl. XXIII, figs. 14, 15
 Formation: Cretaceous, Upper Green Marls
 Location: New Jersey
- *intermedia* n. sp. Whitfield
 U. S. Geol. Sur., Mon. 18, 1892, p. 184, pl. XXIII, figs. 14, 15
 Formation: Cretaceous, Upper Green Marls
 Location: Vincentown, New Jersey
- *intermedia* (Whitfield) Weller
 Geol. Sur. N. J. Pal., vol. 4, 1907, p. 799, pl. XCII, fig. 3
 Formation: Cretaceous, Manasquan marl
 Location: New Jersey
- *ovata* n. sp. Whitfield
 Geol. Sur. N. J., vol. 2, 1892, p. 91, pl. X, figs. 3, 4
 Formation: Cretaceous, Lower Green Marls
 Location: New Jersey
- *ovata* n. sp. Whitfield
 U. S. Geol. Sur., Mon. 18, 1892, p. 91, pl. X, figs. 3, 4
 Formation: Cretaceous, Lower Green Marls
 Location: Mullica Hill, New Jersey
- *ovata* (Whitfield) Weller
 Geol. Sur. of N. J. Pal., vol. 4, 1907, p. 776, pl. XCI, figs. 20-21
 Formation: Cretaceous, Navesink marl
 Location: New Jersey
- *woolmani* (Whitfield) Weller
 Geol. Sur. of N. J. Pal., vol. 4, 1907, p. 774, pl. XCI, figs. 18-19
 Formation: Cretaceous, Merchantville clay-marl
 Location: New Jersey
- Volutomorpha* (Gabb) Whitfield
 Geol. Sur. N. J., vol. 2, 1892, p. 85, no pl.
- (Gabb) Whitfield
 U. S. Geol. Sur., Mon. 18, 1892, p. 85
- (Gabb) Gardner
 Maryland Geol. Sur., U. Cret., 1916, p. 426, no pl.
- *aspera* n. sp. Dall
 Smith. Misc. Coll. vol. 50, 1907, p. 17, fig. 5
 Formation: Cretaceous, Ripley
 Location: Ripley, Mississippi
- (*Piestochilus*) *bella* (Gabb) Whitfield

- Geol. Sur. N. J., vol. 2, 1892, p. 74, pl. VI, figs. 15-18
 Formation: Cretaceous, Lower Green Marls
 Location: New Jersey
- (*Piestochilus*) *bella* (Gabb) Whitfield
 U. S. Geol. Sur., Mon. 18, 1892, p. 74, pl. VI, figs. 15-18
 Formation: Cretaceous, Lower Green Marls
 Location: Monmouth County, New Jersey
- *conradi* (Gabb) Whitfield
 Geol. Sur. N. J., vol. 2, 1892, p. 71, pl. VI, fig. 21; pl. VII, figs. 1-3, 4, 5
 Formation: Cretaceous, Lower Green Marls
 Location: New Jersey
- *conradi* (Gabb) Whitfield
 U. S. Geol. Sur., Mon. 18, 1892, p. 71, pl. VI, fig. 21; pl. VII, figs. 1-3, 4, 5
 Formation: Cretaceous, Lower Green Marls
 Location: Crosswicks, Mullica Hill, Freehold, Holmdel, and Never sink, New Jersey
- *conradi* (Gabb) Weller
 Geol. Sur. of N. J. Pal., vol. 4, 1907, p. 780, pl. XCII, figs. 6-7; pl. XCIII, figs. 1-3; pl. XCIV, figs. 1-6
 Formation: Cretaceous, Cliffwood clay
 Location: New Jersey
- *conradi* (Gabb) Gardner
 Maryland Geol. Sur., U. Cret., 1916, p. 427, pl. XV
 Formation: Cretaceous, Monmouth, Magothy
 Location: Maryland; New Jersey
- *dumasensis* n. sp. Dall
 Smith. Misc. Coll. vol. 50, 1907, p. 16, fig. 4
 Formation: Cretaceous, Ripley
 Location: Union County, Mississippi
- *eufaulensis* (Conrad) Dall
 Smith. Misc. Coll., vol. 50, 1907, p. 14, fig. 1
 Formation: Cretaceous, Ripley
 Location: Ripley, Mississippi
- *gabbi* n. sp. Whitfield
 Geol. Sur. N. J., vol. 2, 1892, p. 73, pl. VII, fig. 6; pl. VIII, figs. 1-4
 Formation: Cretaceous, Lower Green Marls
 Location: New Jersey
- *gabbi* n. sp. Whitfield
 U. S. Geol. Sur., Mon. 18, 1892, p. 73, pl. VII, fig. 6; pl. VIII, figs. 1-4
 Formation: Cretaceous, Lower Green Marls
 Location: Holmdel and Mullica Hill, New Jersey
- (*Piestochilus*) *kanei* (Gabb) Whitfield
 Geol. Sur. N. J., vol. 2, 1892, p. 76, pl. VI, figs. 19, 20
 Formation: Cretaceous, Lower Green Marls
 Location: New Jersey
- (*Piestochilus*) *kanei* (Gabb) Whitfield
 U. S. Geol. Sur., Mon. 18, 1892, p. 76, pl. VI, figs. 19, 20
 Formation: Cretaceous, Lower Green Marls

- Location: Crosswicks near New Egypt, New Jersey
- *lioica* n. sp. Dall
Smith. Misc. Coll., vol. 50, 1907, p. 19, fig. 8
Formation: Cretaceous, Ripley
Location: Eufaula, Alabama
- (*Piestochilus*) *mucronata* Whitfield
Geol. Sur. N. J., vol. 2, 1892, p. 75, pl. VI, figs. 12-14
Formation: Cretaceous, Lower Green Marls
Location: New Jersey
- (*Piestochilus*) *mucronata* (?) Whitfield
U. S. Geol. Sur., Mon. 18, 1892, p. 75, pl. VI, figs. 12-14
Formation: Cretaceous, Lower Green Marls
Location: Freehold, New Jersey
- ? *nova-mexicana* n. sp. Herrick and Johnson
Denison Univ. Sci. Lab. Bull., vol. 11, art. 9, 1900, p. 211, pl. XXIX, fig. 2
Formation: Cretaceous
Location: In sandstone above lignite in upper Fox Hills at Uña de Gata east of the Sandias and at the monocline east of Island Mesa, New Mexico
- *peromata* n. sp. Gardner
Maryland Geol. Sur., U. Cret., 1916, p. 428, pl. XVII, fig. 2
Formation: Cretaceous, Monmouth
Location: Maryland
- *ponderosa* n. sp. Whitfield
Geol. Sur. N. J., vol. 2, 1892, p. 72, pl. VIII, figs. 5, 6; pl. IX, figs. 13-15
Formation: Cretaceous, Lower Green Marls
Location: New Jersey
- *ponderosa* n. sp. Whitfield
U. S. Geol. Sur., Mon. 18, 1892, p. 72, pl. VIII, figs. 5, 6
Formation: Cretaceous, Lower Green Marls
Location: Cream Ridge, Holmdel, Freehold, Neversink and Eastern Monmouth, New Jersey
- *ponderosa* (Whitfield) Weller
Geol. Sur. of N. J. Pal., vol. 4, 1907, p. 781, pl. XCV, figs. 1-2
Formation: Cretaceous, Navesink marl
Location: New Jersey
- *protracta* n. sp. Dall
Smith. Misc. Coll., vol. 50, 1907, p. 21, fig. 10
Formation: Cretaceous, Ripley
Location: Alabama; Mississippi; Texas
- *retifera* n. sp. Dall
Smith. Misc. Coll., vol. 50, 1907, p. 15, figs. 2, 3
Formation: Cretaceous, Ripley
Location: Kaufman, Texas
- *texana* (Conrad) Dall
Smith. Misc. Coll., vol. 50, 1907, p. 20, fig. 9
Formation: Cretaceous
Location: Kaufman, Texas
- *turricula* n. sp. Dall

- Smith. Misc. Coll., vol. 50, 1907, p. 18, figs. 6, 7
 Formation: Cretaceous
 Location: Dumas, Mississippi
- Vulpecula** (Blainville) Gardner
 Maryland Geol. Sur., U. Cret., 1916, p. 433, no pl.
- **reileyi** (Whitfield) Gardner
 Maryland Geol. Sur., U. Cret., 1916, p. 433, no pl.
 Formation: Cretaceous, Monmouth
 Location: Maryland; New Jersey
- Waagenia** sp. indt. Burckhardt
 Inst. Geol. de México, Bol. 23, 1906, p. 103, Lám. XXVII, figs. 1-5
 Formation: Jurassic, Kimeridgian
 Location: Mazapil, Mexico
- sp. indt. Burckhardt
 Inst. Geol. de México, Bol. 33, 1919, p. 14, Lám. IV, fig. 11
 Formation: Jurassic
 Location: Cañon del Toboso, Mexico
- Waldheimia catorcensis** n. sp. Aguilera
 Com. Geol. de México, Bol. 1, 1895, p. 3, Lám. II, fig. 8
 Formation: Jurassic
 Location: Mineral de Catorce, San Luis Potosí, Mexico
- **imbricata** n. sp. Cooper
 Cal. State Mining Bureau Bull. No 4, 1894, p. 51, pl. III, figs. 50, 51
 Formation: Cretaceous
 Location: California
- sp. Lundgren
 Meddelelser om Gönland vol. 19, 1895, p. 195, pl. III, fig. 1
 Formation: Jurassic
 Location: Kap Stewart, East Greenland
- sp. Lundgren
 Meddelelser om Grönland, vol. 19, 1895, p. 195, pl. III, fig. 5
 Formation: Jurassic
 Location: Kap Stewart, East Greenland
- sp. Madsen
 Meddelelser om Grönland, vol. 29, 1903, p. 174
 Formation: Jurassic
 Location: Mt. Nathorst, Greenland
- Webbina rugoso** (d'Orbigny) Woodward
 New York Microscopical Soc. Journ., vol. 10, No. 4, 1894, p. 92
 Formation: Cretaceous
 Location: Timber Creek, New Jersey
- Wormburrow** Weller
 Geol. Sur. N. J. Pal., vol. 4, 1907, p. 311, pl. XIX, fig. 1
 Formation: Cretaceous, Tinton beds
 Location: Beers Hill Cut, New Jersey
- Xancus** (Bolton) Gardner
 Maryland Geol. Sur., U. Cret., 1916, p. 434, no pl.
- **alabamensis** (Gabb) Gardner
 Maryland Geol. Sur., U. Cret., 1916, p. 435, no pl.

- Formation: Cretaceous, Monmouth, Matawan, Selma
 Location: Maryland; New Jersey; Alabama
- *intermedia* (Weller) Gardner
 Maryland Geol. Sur., U. Cret., 1916, p. 436, no pl.
 Formation: Cretaceous, Matawan
 Location: Delaware; Maryland; New Jersey
- Xenaspis* (Waagen) Hyatt and Smith
 U. S. Geol. Sur. Prof. Paper 40, 1905, p. 115, no pl.
 Formation: Triassic
- *marcoui* n. sp. Hyatt and Smith
 U. S. Geol. Sur. Prof. Paper 40, 1915, p. 116, pl. VII, figs. 26-33
 Formation: Triassic
 Location: California
- Xenodiscus* (Waagen) Hyatt and Smith
 U. S. Geol. Sur. Prof. Paper 40, 1905, p. 122, no pl.
- *multicameratus* n. sp. Smith
 U. S. Geol. Sur. Prof. Paper 83, 1914, p. 57, pl. XXIV, figs. 5-10
 Formation: Triassic
 Location: Inyo County, California
- — *bittneri* n. sp. Hyatt and Smith
 U. S. Geol. Sur. Prof. Paper 40, 1905, p. 123, pl. XX, figs. 5-15;
 pl. XXI, figs. 1-13
 Formation: Triassic
 Location: Owens Valley, California
- *bittneri* (Hyatt and Smith) Smith
 U. S. Geol. Sur. Prof. Paper 83, 1914, p. 56, pl. I, figs. 5-15; pl.
 II, figs. 1-13; pl. XXXIV, figs. 1-4
 Formation: Triassic
 Location: Inyo Range, East side of Owen Valley, California
- Xenophora* (Fischer de Waldheim) Gardner
 Maryland Geol. Sur., U. Cret., 1916, p. 494, no pl.
- *leprosa* (Morton) Whitfield
 Geol. Sur. N. J., vol. 2, 1892, p. 135, pl. XVII, figs. 16-19
 Formation: Cretaceous, Lower Green Marls
 Location: New Jersey; Alabama
- *leprosa* (Morton) Whitfield
 U. S. Geol. Sur., Mon. 18, 1892, p. 135, pl. XVII, figs. 16-19
 Formation: Cretaceous, Lower Green Marls
 Location: Upper Freehold, near Burlington, Crosswicks Creek and
 Mullica Hill, New Jersey
- *leprosa* (Morton) Weller
 Geol. Sur. N. J. Pal., vol. 4, 1907, p. 690, pl. LXXXVIII, figs. 1-3
 Formation: Cretaceous, Navesink marl
 Location: New Jersey; Alabama
- *leprosa* (Morton) (Whitfield) Gardner
 Maryland Geol. Sur., U. Cret., 1916, p. 495, no pl.
 Formation: Cretaceous, Monmouth, Selma
 Location: Maryland; New Jersey; Alabama; Mississippi
- *simpsoni* n. sp. Stanton
 U. S. Geol. Sur. Bull. 106, 1893, p. 133, pl. XXIX, figs. 4-6
 Formation: Cretaceous, Pugnellus sandstone

Location: Near Malachite postoffice and in Poison Canyon, Iluerfano Park, Colorado on Arkansas River, 20 miles above Pueblo, Colorado

Xylophomya n. gen. Whitfield

Amer. Mus. Nat. Hist. Bull., vol. 16, 1902, p. 75, no pl.

Formation: Cretaceous, Laramie group, Triceratops beds

Location: Alkali Creek, Wyoming

— **laramiensis** n. sp. Whitfield

Amer. Mus. Nat. Hist. Bull., vol. 16, 1902, p. 75, pl. XXVIII, pl.

XXIX

Formation: Cretaceous, Laramie group

Location: Alkali Creek, Wyoming

Yoldia (Møller) Gardner

Maryland Geol. Sur., U. Cret., 1916, p. 518, no pl.

— **arata** (Whiteaves) Davis

Journal Geol., vol. 21, 1913, p. 455

Formation: Jurassic, Slates Springs (Franciscan)

Location: California

— **cliffwoodensis** n. sp. Weller

Geol. Sur. of N. J. Pal., vol. 4, 1907, p. 383, pl. XXX, figs. 3, 4

Formation: Cretaceous, Cliffwood clay

Location: New Jersey

— **diminutive** n. sp. Whiteaves

Can. Geol. Sur., Mesozoic Fossils, vol. 1, pt. 5, 1903, p. 390, pl.

XLVII, fig. 2

Formation: Cretaceous

Location: Nanaimo, Vancouver Island

— **evansi** (Meek and Hayden) Stanton and Vaughan

U. S. Geol. Sur. Prof. Paper 128 A, 1920, p. 21, pl. I, fig. 11

Formation: Cretaceous, Cannonball

Location: Mandan, N. Dakota

— **gabbana** (Whitfield) Gardner

Maryland Geol. Sur., U. Cret., 1916, p. 520, no pl.

Formation: Cretaceous, Matawan, Monmouth, Ripley

Location: Maryland; New Jersey; Tennessee

— **longifrons** (Conrad) Weller

Geol. Sur. of N. J. Pal., vol. 4, 1907, p. 381, pl. XXX, fig. 5

Formation: Cretaceous, Woodbury clay

Location: New Jersey

— **longifrons** (Conrad) (Johnson) Gardner

Maryland Geol. Sur., U. Cret., 1916, p. 518, pl. XIX, fig. 13

Formation: Cretaceous, Matawan, Eutaw, Ripley, Selma

Location: Delaware; New Jersey; Georgia; Alabama; Mississippi

— **noxoutowensis** n. sp. Gardner

Maryland Geol. Sur., U. Cret., 1916, p. 521, pl. XIX, fig. 14

Formation: Cretaceous, Rancocas

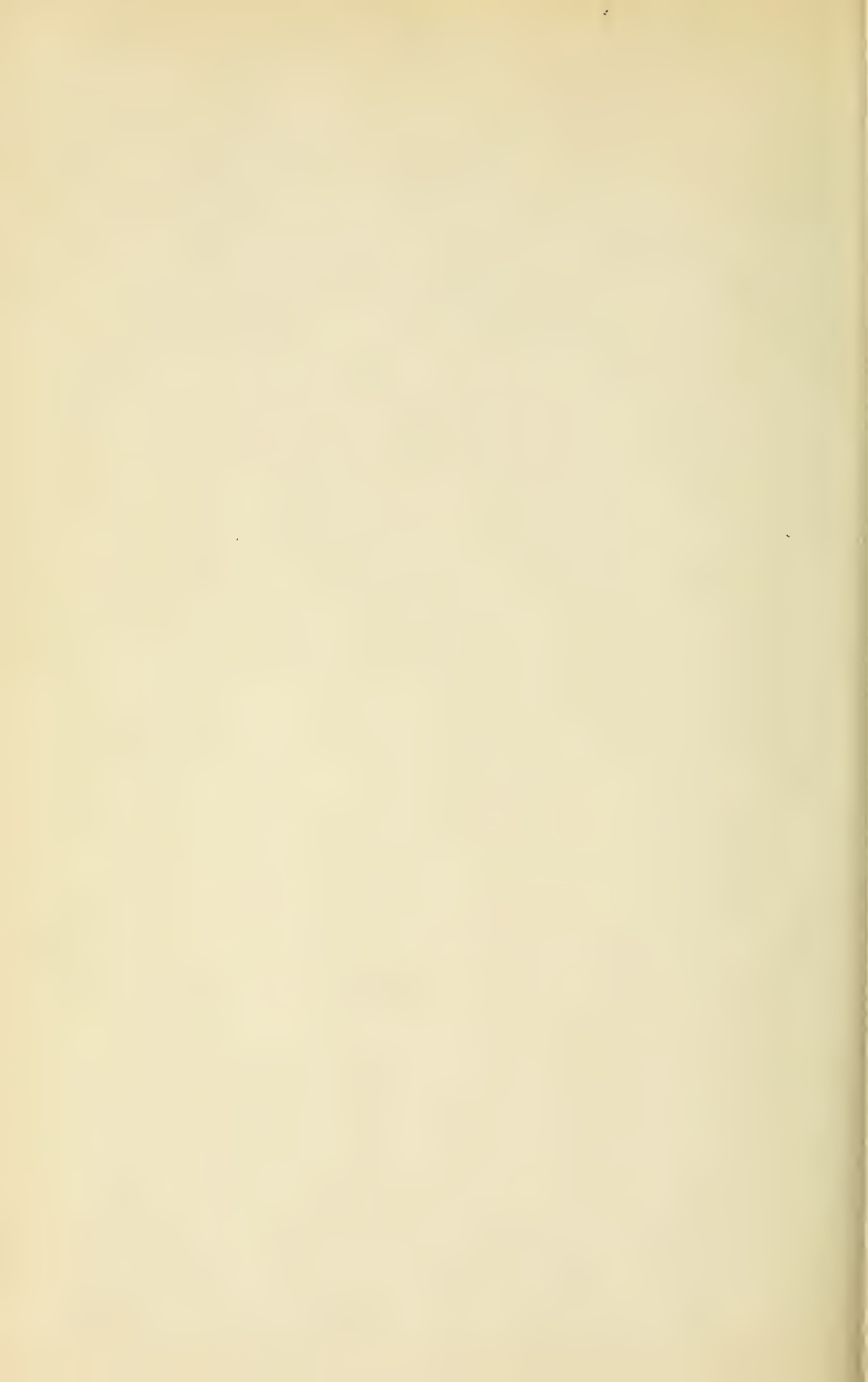
Location: Delaware

— **papyria** (Conrad) Weller

Geol. Sur. N. J. Pal., vol. 4, 1907, p. 382, pl. XXX, fig. 6

Formation: Cretaceous, Woodbury clay, near Matawan, near Haddonfield

- Location: Near Matawan and near Haddonfield, New Jersey
- *scitula* (Meek and Hayden) Stanton and Vaughan
U. S. Geol. Sur. Prof. Paper 128 A, 1920, p. 21, pl. I, figs. 9, 10
Formation: Cretaceous, Cannonball
Location: Moreau Rio, S. Dakota; Long Lake, N. Dakota
- *septariana* n. sp. Cragin
Texas Geol. Sur., 4th Ann. Rept., 1893, p. 218, no pl.
Formation: Cretaceous, Eagle Ford shales
Location: Sherman County, Texas
- *sp. Ravn*
Meddelelser om Grönland, vol. 45, 1911, p. 469
Formation: Jurassic
Location: Vesterdalen at Danmark's Havn.
- *sp. Ravn*
Copenhagen Univ. Min. and Geol. Mus. Comm. Paleont. No. 10,
1911, p. 469
Formation: Jurassic
Location: Vesterdalen at Danmark's Havn.
- *subelliptica* n. sp. Stanton
U. S. Geol. Sur. Bull. 106, 1893, p. 94, pl. XXI, figs. 6, 7
Formation: Cretaceous, Pugnellus sandstone
Location: Poison Canyon, Huerfano Park, Colorado
- *subelliptica* (Stanton) Herrick and Johnson
Denison Univ. Sci. Lab. Bull., vol. 11, art 9, 1900, pl. XXVIII,
figs. 6, 7 (no description)
Formation: Cretaceous
Location: New Mexico
- *subelliptica* (Stanton) Shimer and Blodgett
Amer. Jour. Sci., 4th Ser. vol. 25, 1908, p. 63
Formation: Cretaceous
Location: New Mexico
- *thomi* Stanton n. sp. Stanton and Vaughan
U. S. Geol. Sur. Prof. Paper 128A, 1920, p. 21, pl. I, fig. 12a-12c
Formation: Cretaceous, Cannonball
Location: Near Kayser, N. Dakota







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